ATTACHMENT 2 – LABORATORY REPORTS

BI-ANNUAL SAMPLING ANALYTICAL RESULTS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 16, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on May 03, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40244305001	A-2	Solid	04/28/22 10:40	05/03/22 10:00
40244305002	A-2A	Solid	04/28/22 10:50	05/03/22 10:00
40244305003	A-9	Solid	04/28/22 08:10	05/03/22 10:00
40244305004	A-9A	Solid	04/28/22 08:30	05/03/22 10:00
40244305005	A-9B	Solid	04/28/22 08:40	05/03/22 10:00
40244305006	A-9C	Solid	04/28/22 08:50	05/03/22 10:00
40244305007	B-1A	Solid	04/28/22 11:00	05/03/22 10:00
40244305008	B-2	Solid	04/28/22 13:35	05/03/22 10:00
40244305009	B-2A	Solid	04/28/22 14:30	05/03/22 10:00
40244305010	B-3	Solid	04/28/22 11:15	05/03/22 10:00
40244305011	B-9	Solid	04/28/22 09:00	05/03/22 10:00
40244305012	B-9A	Solid	04/28/22 09:10	05/03/22 10:00
40244305013	B-9B	Solid	04/28/22 09:20	05/03/22 10:00
40244305014	B-9C	Solid	04/28/22 09:30	05/03/22 10:00
40244305015	C-1	Solid	04/28/22 11:30	05/03/22 10:00
40244305016	C-2	Solid	04/28/22 11:45	05/03/22 10:00
40244305017	C-9	Solid	04/28/22 09:40	05/03/22 10:00
40244305018	D-2	Solid	04/28/22 11:55	05/03/22 10:00
40244305019	D-3	Solid	04/28/22 12:10	05/03/22 10:00
40244305020	D-4	Solid	04/29/22 11:55	05/03/22 10:00
40244305021	D-4C	Solid	04/29/22 12:40	05/03/22 10:00
40244305022	D-9	Solid	04/27/22 18:25	05/03/22 10:00
40244305023	D-9A	Solid	04/27/22 18:30	05/03/22 10:00
40244305024	D-9B	Solid	04/27/22 18:35	05/03/22 10:00
40244305025	D-9C	Solid	04/27/22 18:55	05/03/22 10:00
40244305026	E-2	Solid	04/27/22 16:10	05/03/22 10:00
40244305027	E-3	Solid	04/27/22 16:25	05/03/22 10:00
40244305028	E-4	Solid	04/27/22 16:45	05/03/22 10:00
40244305029	E-4A	Solid	04/28/22 15:30	05/03/22 10:00
40244305030	E-6	Solid	04/29/22 08:50	05/03/22 10:00
40244305031	E-6A	Solid	04/29/22 10:15	05/03/22 10:00
40244305032	E-7	Solid	04/29/22 10:45	05/03/22 10:00
40244305033	E-7A	Solid	04/29/22 11:15	05/03/22 10:00
40244305034	E-9	Solid	04/27/22 17:40	05/03/22 10:00
40244305035	E-9A	Solid	04/27/22 17:50	05/03/22 10:00
40244305036	E-9B	Solid	04/27/22 18:05	05/03/22 10:00
40244305037	E-9C	Solid	04/27/22 18:10	05/03/22 10:00

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SAMPLE SUMMARY

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40244305038	F-1	Solid	04/27/22 10:45	05/03/22 10:00
40244305039	F-2	Solid	04/27/22 10:55	05/03/22 10:00
40244305040	F-3	Solid	04/27/22 11:05	05/03/22 10:00
40244305041	F-4	Solid	04/27/22 11:15	05/03/22 10:00
40244305042	F-4A	Solid	04/27/22 11:40	05/03/22 10:00
40244305043	F-5	Solid	04/27/22 13:15	05/03/22 10:00
40244305044	F-5A	Solid	04/27/22 13:30	05/03/22 10:00
40244305045	F-6	Solid	04/27/22 13:40	05/03/22 10:00
40244305046	F-6A	Solid	04/27/22 13:50	05/03/22 10:00
40244305047	F-7	Solid	04/27/22 14:55	05/03/22 10:00
40244305048	F-7A	Solid	04/27/22 15:05	05/03/22 10:00
40244305049	F-8	Solid	04/27/22 15:20	05/03/22 10:00
40244305050	F-9	Solid	04/27/22 15:40	05/03/22 10:00
40244305051	F-9A	Solid	04/27/22 15:45	05/03/22 10:00
40244305052	G-1	Solid	04/27/22 08:15	05/03/22 10:00
40244305053	G-2	Solid	04/27/22 09:00	05/03/22 10:00
40244305054	G-3	Solid	04/27/22 09:10	05/03/22 10:00
40244305055	G-4	Solid	04/27/22 09:20	05/03/22 10:00
40244305056	G-5	Solid	04/27/22 09:30	05/03/22 10:00
40244305057	G-6	Solid	04/27/22 09:35	05/03/22 10:00
40244305058	G-7	Solid	04/27/22 09:45	05/03/22 10:00
40244305059	G-8	Solid	04/27/22 10:00	05/03/22 10:00
40244305060	G-9	Solid	04/27/22 10:10	05/03/22 10:00
40244305061	G-9A	Solid	04/27/22 10:15	05/03/22 10:00
40244305062	H-1	Solid	04/26/22 15:30	05/03/22 10:00
40244305063	H-2	Solid	04/26/22 16:10	05/03/22 10:00
40244305064	H-3	Solid	04/26/22 16:20	05/03/22 10:00
40244305065	H-4	Solid	04/26/22 16:40	05/03/22 10:00
40244305066	H-5	Solid	04/26/22 17:00	05/03/22 10:00
40244305067	H-6	Solid	04/26/22 17:10	05/03/22 10:00
40244305068	H-7	Solid	04/26/22 17:20	05/03/22 10:00
40244305069	H-8	Solid	04/26/22 17:35	05/03/22 10:00
40244305070	H-9	Solid	04/26/22 17:50	05/03/22 10:00
40244305071	H-9A	Solid	04/26/22 18:10	05/03/22 10:00
40244305072	I-1	Solid	04/26/22 10:25	05/03/22 10:00
40244305073	I-2	Solid	04/26/22 14:00	05/03/22 10:00
40244305074	I-3	Solid	04/26/22 14:25	05/03/22 10:00

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SAMPLE SUMMARY

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40244305075	**I-4**	Solid	04/26/22 14:45	05/03/22 10:00
40244305076	**I-5**	Solid	04/26/22 15:00	05/03/22 10:00
40244305077	**I-6**	Solid	04/26/22 15:15	05/03/22 10:00
40244305078	**RINSE # 1**	Water	04/26/22 18:00	05/03/22 10:00
40244305079	**RINSE # 2**	Water	04/27/22 11:30	05/03/22 10:00
40244305080	**RINSE # 3**	Water	04/27/22 18:00	05/03/22 10:00
40244305081	**RINSE # 4**	Water	04/28/22 10:00	05/03/22 10:00
40244305082	**RINSE # 5**	Water	04/29/22 13:15	05/03/22 10:00

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SAMPLE ANALYTE COUNT

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40244305001	**A-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305002	**A-2A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305003	**A-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305004	**A-9A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305005	**A-9B**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305006	**A-9C**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305007	**B-1A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305008	**B-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305009	**B-2A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305010	**B-3**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305011	**B-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305012	**B-9A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305013	**B-9B**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305014	**B-9C**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305015	**C-1**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305016	**C-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305017	**C-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305018	**D-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305019	**D-3**	EPA 7471	AJT	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	MYH	1
40244305020	D-4	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305021	D-4C	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305022	D-9	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305023	D-9A	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305024	D-9B	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305025	D-9C	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305026	E-2	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305027	E-3	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305028	E-4	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305029	E-4A	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305030	E-6	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305031	E-6A	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305032	E-7	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305033	E-7A	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305034	E-9	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305035	E-9A	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305036	E-9B	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305037	E-9C	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40244305038	**F-1**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305039	**F-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305040	**F-3**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305041	**F-4**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305042	**F-4A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305043	**F-5**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305044	**F-5A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305045	**F-6**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305046	**F-6A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305047	**F-7**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305048	**F-7A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305049	**F-8**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305050	**F-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305051	**F-9A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305052	**G-1**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305053	**G-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305054	**G-3**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305055	**G-4**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305056	**G-5**	EPA 7471	AJT	1

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	MYH	1
40244305057	**G-6**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305058	**G-7**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305059	**G-8**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305060	**G-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305061	**G-9A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305062	**H-1**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305063	**H-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305064	**H-3**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305065	**H-4**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305066	**H-5**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305067	**H-6**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305068	**H-7**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305069	**H-8**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305070	**H-9**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305071	**H-9A**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305072	**I-1**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305073	**I-2**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305074	**I-3**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1

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SAMPLE ANALYTE COUNT

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40244305075	**I-4**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305076	**I-5**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305077	**I-6**	EPA 7471	AJT	1
		ASTM D2974-87	MYH	1
40244305078	**RINSE # 1**	EPA 7470	AJT	1
40244305079	**RINSE # 2**	EPA 7470	AJT	1
40244305080	**RINSE # 3**	EPA 7470	AJT	1
40244305081	**RINSE # 4**	EPA 7470	AJT	1
40244305082	**RINSE # 5**	EPA 7470	AJT	1

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: A-2 **Lab ID: 40244305001** Collected: 04/28/22 10:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.17**	mg/kg	0.045	0.013	1	05/06/22 12:03	05/09/22 11:34	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.8**	%	0.10	0.10	1		05/09/22 13:53		

Sample: A-2A **Lab ID: 40244305002** Collected: 04/28/22 10:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.62**	mg/kg	0.040	0.011	1	05/06/22 12:03	05/09/22 11:41	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.2**	%	0.10	0.10	1		05/09/22 13:53		

Sample: A-9 **Lab ID: 40244305003** Collected: 04/28/22 08:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.066**	mg/kg	0.041	0.012	1	05/06/22 12:03	05/09/22 11:43	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.4**	%	0.10	0.10	1		05/09/22 13:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: A-9A **Lab ID: 40244305004** Collected: 04/28/22 08:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.26**	mg/kg	0.041	0.012	1	05/06/22 12:03	05/09/22 11:45	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.4**	%	0.10	0.10	1		05/09/22 13:53		

Sample: A-9B **Lab ID: 40244305005** Collected: 04/28/22 08:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.28**	mg/kg	0.044	0.013	1	05/06/22 12:03	05/09/22 11:48	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**29.2**	%	0.10	0.10	1		05/09/22 13:53		

Sample: A-9C **Lab ID: 40244305006** Collected: 04/28/22 08:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.1**	mg/kg	0.046	0.013	1	05/06/22 12:03	05/09/22 11:50	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.6**	%	0.10	0.10	1		05/09/22 13:54		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: B-1A **Lab ID: 40244305007** Collected: 04/28/22 11:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.24**	mg/kg	0.039	0.011	1	05/06/22 12:03	05/09/22 11:52	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.9**	%	0.10	0.10	1		05/09/22 13:54		

Sample: B-2 **Lab ID: 40244305008** Collected: 04/28/22 13:35 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.036J**	mg/kg	0.048	0.014	1	05/06/22 12:03	05/09/22 11:55	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**29.4**	%	0.10	0.10	1		05/09/22 13:54		

Sample: B-2A **Lab ID: 40244305009** Collected: 04/28/22 14:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.016J**	mg/kg	0.038	0.011	1	05/06/22 12:03	05/09/22 12:02	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.3**	%	0.10	0.10	1		05/09/22 13:54		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: B-3 **Lab ID: 40244305010** Collected: 04/28/22 11:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.23**	mg/kg	0.039	0.011	1	05/06/22 12:03	05/09/22 12:04	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.8**	%	0.10	0.10	1		05/09/22 13:54		

Sample: B-9 **Lab ID: 40244305011** Collected: 04/28/22 09:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.40**	mg/kg	0.040	0.012	1	05/06/22 12:03	05/09/22 12:06	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.4**	%	0.10	0.10	1		05/09/22 13:54		

Sample: B-9A **Lab ID: 40244305012** Collected: 04/28/22 09:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.24**	mg/kg	0.039	0.011	1	05/06/22 12:03	05/09/22 12:09	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.3**	%	0.10	0.10	1		05/09/22 13:54		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: B-9B **Lab ID: 40244305013** Collected: 04/28/22 09:20 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.34**	mg/kg	0.040	0.011	1	05/06/22 12:03	05/09/22 12:11	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.9**	%	0.10	0.10	1		05/09/22 13:54		

Sample: B-9C **Lab ID: 40244305014** Collected: 04/28/22 09:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.32**	mg/kg	0.044	0.013	1	05/06/22 12:03	05/09/22 12:13	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.9**	%	0.10	0.10	1		05/09/22 13:54		

Sample: C-1 **Lab ID: 40244305015** Collected: 04/28/22 11:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.061**	mg/kg	0.041	0.012	1	05/06/22 12:03	05/09/22 12:16	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.1**	%	0.10	0.10	1		05/09/22 13:55		

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: C-2 **Lab ID: 40244305016** Collected: 04/28/22 11:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.077**	mg/kg	0.041	0.012	1	05/06/22 12:03	05/09/22 12:18	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.8**	%	0.10	0.10	1		05/09/22 13:55		

Sample: C-9 **Lab ID: 40244305017** Collected: 04/28/22 09:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.41**	mg/kg	0.042	0.012	1	05/06/22 12:03	05/09/22 12:20	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**26.0**	%	0.10	0.10	1		05/09/22 13:55		

Sample: D-2 **Lab ID: 40244305018** Collected: 04/28/22 11:55 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.12**	mg/kg	0.041	0.012	1	05/06/22 12:03	05/09/22 12:23	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.0**	%	0.10	0.10	1		05/09/22 14:25		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: D-3 **Lab ID: 40244305019** Collected: 04/28/22 12:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.19**	mg/kg	0.042	0.012	1	05/06/22 12:03	05/09/22 12:30	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**22.7**	%	0.10	0.10	1		05/09/22 15:05		

Sample: D-4 **Lab ID: 40244305020** Collected: 04/29/22 11:55 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.027J**	mg/kg	0.036	0.010	1	05/06/22 12:03	05/09/22 12:32	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.4**	%	0.10	0.10	1		05/09/22 14:25		

Sample: D-4C **Lab ID: 40244305021** Collected: 04/29/22 12:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.039**	mg/kg	0.036	0.010	1	05/10/22 09:20	05/11/22 08:47	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.0**	%	0.10	0.10	1		05/09/22 15:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: D-9 **Lab ID: 40244305022** Collected: 04/27/22 18:25 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.95**	mg/kg	0.044	0.012	1	05/10/22 09:20	05/11/22 08:49	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**22.9**	%	0.10	0.10	1		05/09/22 15:06		

Sample: D-9A **Lab ID: 40244305023** Collected: 04/27/22 18:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.15**	mg/kg	0.043	0.012	1	05/10/22 09:20	05/11/22 08:51	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.0**	%	0.10	0.10	1		05/09/22 15:06		

Sample: D-9B **Lab ID: 40244305024** Collected: 04/27/22 18:35 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.046**	mg/kg	0.040	0.011	1	05/10/22 09:20	05/11/22 08:54	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.5**	%	0.10	0.10	1		05/09/22 15:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: D-9C **Lab ID: 40244305025** Collected: 04/27/22 18:55 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.29**	mg/kg	0.044	0.012	1	05/10/22 09:20	05/11/22 08:56	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.8**	%	0.10	0.10	1		05/09/22 15:06		

Sample: E-2 **Lab ID: 40244305026** Collected: 04/27/22 16:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.076**	mg/kg	0.043	0.012	1	05/10/22 09:20	05/11/22 08:58	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.2**	%	0.10	0.10	1		05/09/22 15:06		

Sample: E-3 **Lab ID: 40244305027** Collected: 04/27/22 16:25 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.14**	mg/kg	0.043	0.012	1	05/10/22 09:20	05/11/22 09:00	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.9**	%	0.10	0.10	1		05/09/22 15:06		

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: E-4 **Lab ID: 40244305028** Collected: 04/27/22 16:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.043**	mg/kg	0.040	0.012	1	05/10/22 09:20	05/11/22 09:03	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.4**	%	0.10	0.10	1		05/09/22 15:06		

Sample: E-4A **Lab ID: 40244305029** Collected: 04/28/22 15:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.014J**	mg/kg	0.037	0.010	1	05/10/22 09:20	05/11/22 09:10	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.3**	%	0.10	0.10	1		05/09/22 15:06		

Sample: E-6 **Lab ID: 40244305030** Collected: 04/29/22 08:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.18**	mg/kg	0.034	0.0098	1	05/10/22 09:20	05/11/22 09:12	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**2.4**	%	0.10	0.10	1		05/09/22 15:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: E-6A **Lab ID: 40244305031** Collected: 04/29/22 10:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.26**	mg/kg	0.035	0.010	1	05/10/22 09:20	05/11/22 09:14	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.6**	%	0.10	0.10	1		05/09/22 15:06		

Sample: E-7 **Lab ID: 40244305032** Collected: 04/29/22 10:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.13**	mg/kg	0.036	0.010	1	05/10/22 09:20	05/11/22 09:17	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.7**	%	0.10	0.10	1		05/09/22 15:07		

Sample: E-7A **Lab ID: 40244305033** Collected: 04/29/22 11:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.087**	mg/kg	0.036	0.010	1	05/10/22 11:44	05/11/22 09:24	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.0**	%	0.10	0.10	1		05/09/22 15:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: E-9 **Lab ID: 40244305034** Collected: 04/27/22 17:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.47**	mg/kg	0.045	0.013	1	05/10/22 11:44	05/11/22 09:31	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**29.8**	%	0.10	0.10	1		05/09/22 15:07		

Sample: E-9A **Lab ID: 40244305035** Collected: 04/27/22 17:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.094**	mg/kg	0.043	0.012	1	05/10/22 11:44	05/11/22 09:38	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.3**	%	0.10	0.10	1		05/09/22 15:07		

Sample: E-9B **Lab ID: 40244305036** Collected: 04/27/22 18:05 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.18**	mg/kg	0.044	0.013	1	05/10/22 11:44	05/11/22 09:40	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.0**	%	0.10	0.10	1		05/09/22 15:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: E-9C **Lab ID: 40244305037** Collected: 04/27/22 18:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.26**	mg/kg	0.044	0.013	1	05/10/22 11:44	05/11/22 09:42	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**22.6**	%	0.10	0.10	1		05/09/22 15:07		

Sample: F-1 **Lab ID: 40244305038** Collected: 04/27/22 10:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.31**	mg/kg	0.045	0.013	1	05/10/22 11:44	05/11/22 09:45	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**26.2**	%	0.10	0.10	1		05/09/22 15:07		

Sample: F-2 **Lab ID: 40244305039** Collected: 04/27/22 10:55 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.27**	mg/kg	0.046	0.013	1	05/10/22 11:44	05/11/22 09:47	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.4**	%	0.10	0.10	1		05/09/22 15:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: F-3 **Lab ID: 40244305040** Collected: 04/27/22 11:05 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.36**	mg/kg	0.047	0.014	1	05/10/22 11:44	05/11/22 09:49	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**27.2**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-4 **Lab ID: 40244305041** Collected: 04/27/22 11:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.094**	mg/kg	0.042	0.012	1	05/10/22 11:44	05/11/22 09:52	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**25.7**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-4A **Lab ID: 40244305042** Collected: 04/27/22 11:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.35**	mg/kg	0.043	0.012	1	05/10/22 11:44	05/11/22 09:54	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.8**	%	0.10	0.10	1		05/09/22 15:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: F-5 **Lab ID: 40244305043** Collected: 04/27/22 13:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.1**	mg/kg	0.040	0.011	1	05/10/22 11:44	05/11/22 09:56	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.6**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-5A **Lab ID: 40244305044** Collected: 04/27/22 13:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.69**	mg/kg	0.048	0.014	1	05/10/22 11:44	05/11/22 09:59	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**31.1**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-6 **Lab ID: 40244305045** Collected: 04/27/22 13:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.70**	mg/kg	0.041	0.012	1	05/10/22 11:44	05/11/22 10:08	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.4**	%	0.10	0.10	1		05/09/22 15:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: F-6A **Lab ID: 40244305046** Collected: 04/27/22 13:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.26**	mg/kg	0.041	0.012	1	05/10/22 11:44	05/11/22 10:10	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.2**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-7 **Lab ID: 40244305047** Collected: 04/27/22 14:55 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**2.4**	mg/kg	0.095	0.027	2	05/10/22 11:44	05/11/22 11:40	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**29.4**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-7A **Lab ID: 40244305048** Collected: 04/27/22 15:05 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.3**	mg/kg	0.047	0.013	1	05/10/22 11:44	05/11/22 10:15	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**26.7**	%	0.10	0.10	1		05/09/22 15:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: F-8 **Lab ID: 40244305049** Collected: 04/27/22 15:20 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**2.8**	mg/kg	0.10	0.029	1	05/10/22 11:44	05/11/22 10:17	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**65.4**	%	0.10	0.10	1		05/09/22 15:34		

Sample: F-9 **Lab ID: 40244305050** Collected: 04/27/22 15:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.35**	mg/kg	0.043	0.012	1	05/10/22 11:44	05/11/22 10:19	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.5**	%	0.10	0.10	1		05/09/22 15:35		

Sample: F-9A **Lab ID: 40244305051** Collected: 04/27/22 15:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.30**	mg/kg	0.040	0.011	1	05/10/22 11:44	05/11/22 10:22	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.7**	%	0.10	0.10	1		05/09/22 15:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: G-1 **Lab ID: 40244305052** Collected: 04/27/22 08:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.45**	mg/kg	0.050	0.014	1	05/10/22 11:44	05/11/22 10:24	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**30.5**	%	0.10	0.10	1		05/09/22 15:35		

Sample: G-2 **Lab ID: 40244305053** Collected: 04/27/22 09:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.23**	mg/kg	0.048	0.014	1	05/10/22 11:55	05/11/22 10:36	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**27.8**	%	0.10	0.10	1		05/09/22 15:35		

Sample: G-3 **Lab ID: 40244305054** Collected: 04/27/22 09:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.32**	mg/kg	0.043	0.012	1	05/10/22 11:55	05/11/22 10:43	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.4**	%	0.10	0.10	1		05/09/22 15:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: G-4 **Lab ID: 40244305055** Collected: 04/27/22 09:20 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.66**	mg/kg	0.045	0.013	1	05/10/22 11:55	05/11/22 10:45	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**28.6**	%	0.10	0.10	1		05/09/22 14:26		

Sample: G-5 **Lab ID: 40244305056** Collected: 04/27/22 09:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**4.8**	mg/kg	0.23	0.065	5	05/10/22 11:55	05/11/22 11:42	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**31.7**	%	0.10	0.10	1		05/09/22 14:26		

Sample: G-6 **Lab ID: 40244305057** Collected: 04/27/22 09:35 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.29**	mg/kg	0.046	0.013	1	05/10/22 11:55	05/11/22 10:51	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**27.4**	%	0.10	0.10	1		05/09/22 14:26		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: G-7 **Lab ID: 40244305058** Collected: 04/27/22 09:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.56**	mg/kg	0.043	0.012	1	05/10/22 11:55	05/11/22 10:53	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.6**	%	0.10	0.10	1		05/09/22 14:26		

Sample: G-8 **Lab ID: 40244305059** Collected: 04/27/22 10:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.13**	mg/kg	0.043	0.012	1	05/10/22 11:55	05/11/22 10:55	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.6**	%	0.10	0.10	1		05/09/22 14:26		

Sample: G-9 **Lab ID: 40244305060** Collected: 04/27/22 10:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.33**	mg/kg	0.045	0.013	1	05/10/22 11:55	05/11/22 10:58	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.4**	%	0.10	0.10	1		05/09/22 14:26		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: G-9A **Lab ID: 40244305061** Collected: 04/27/22 10:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.041J**	mg/kg	0.046	0.013	1	05/10/22 11:55	05/11/22 11:05	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**25.0**	%	0.10	0.10	1		05/09/22 14:26		

Sample: H-1 **Lab ID: 40244305062** Collected: 04/26/22 15:30 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.32**	mg/kg	0.046	0.013	1	05/10/22 11:55	05/11/22 11:07	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**29.4**	%	0.10	0.10	1		05/09/22 14:26		

Sample: H-2 **Lab ID: 40244305063** Collected: 04/26/22 16:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.075**	mg/kg	0.042	0.012	1	05/10/22 11:55	05/11/22 11:10	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**23.2**	%	0.10	0.10	1		05/09/22 14:26		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: H-3 **Lab ID: 40244305064** Collected: 04/26/22 16:20 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.091**	mg/kg	0.041	0.012	1	05/10/22 11:55	05/11/22 11:12	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.6**	%	0.10	0.10	1		05/09/22 14:26		

Sample: H-4 **Lab ID: 40244305065** Collected: 04/26/22 16:40 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.23**	mg/kg	0.041	0.012	1	05/10/22 11:55	05/11/22 11:14	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.3**	%	0.10	0.10	1		05/09/22 14:26		

Sample: H-5 **Lab ID: 40244305066** Collected: 04/26/22 17:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.3**	mg/kg	0.043	0.012	1	05/10/22 11:55	05/11/22 11:17	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.8**	%	0.10	0.10	1		05/09/22 14:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: H-6 **Lab ID: 40244305067** Collected: 04/26/22 17:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.044**	mg/kg	0.041	0.012	1	05/10/22 11:55	05/11/22 11:19	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.7**	%	0.10	0.10	1		05/09/22 14:26		

Sample: H-7 **Lab ID: 40244305068** Collected: 04/26/22 17:20 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.24**	mg/kg	0.044	0.012	1	05/10/22 11:55	05/11/22 11:21	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.1**	%	0.10	0.10	1		05/09/22 14:27		

Sample: H-8 **Lab ID: 40244305069** Collected: 04/26/22 17:35 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.36**	mg/kg	0.042	0.012	1	05/10/22 11:55	05/11/22 11:23	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.4**	%	0.10	0.10	1		05/09/22 14:27		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: H-9 **Lab ID: 40244305070** Collected: 04/26/22 17:50 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.37**	mg/kg	0.043	0.012	1	05/10/22 11:55	05/11/22 11:26	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**25.0**	%	0.10	0.10	1		05/09/22 14:27		

Sample: H-9A **Lab ID: 40244305071** Collected: 04/26/22 18:10 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.20**	mg/kg	0.050	0.014	1	05/10/22 11:55	05/11/22 11:33	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**34.3**	%	0.10	0.10	1		05/09/22 14:27		

Sample: I-1 **Lab ID: 40244305072** Collected: 04/26/22 10:25 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.38**	mg/kg	0.051	0.015	1	05/10/22 11:55	05/11/22 11:35	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**32.4**	%	0.10	0.10	1		05/09/22 14:27		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: I-2 **Lab ID: 40244305073** Collected: 04/26/22 14:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.099**	mg/kg	0.048	0.014	1	05/12/22 09:10	05/13/22 09:46	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**34.2**	%	0.10	0.10	1		05/09/22 15:35		

Sample: I-3 **Lab ID: 40244305074** Collected: 04/26/22 14:25 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.15**	mg/kg	0.051	0.015	1	05/12/22 09:10	05/13/22 09:53	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**35.9**	%	0.10	0.10	1		05/09/22 15:35		

Sample: I-4 **Lab ID: 40244305075** Collected: 04/26/22 14:45 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.020J**	mg/kg	0.044	0.013	1	05/12/22 09:10	05/13/22 09:56	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.9**	%	0.10	0.10	1		05/09/22 15:35		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: I-5 **Lab ID: 40244305076** Collected: 04/26/22 15:00 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.16**	mg/kg	0.046	0.013	1	05/12/22 09:10	05/13/22 09:58	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**26.7**	%	0.10	0.10	1		05/09/22 15:35		

Sample: I-6 **Lab ID: 40244305077** Collected: 04/26/22 15:15 Received: 05/03/22 10:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.20**	mg/kg	0.044	0.013	1	05/12/22 09:10	05/13/22 10:00	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**24.5**	%	0.10	0.10	1		05/09/22 15:35		

Sample: RINSE # 1 **Lab ID: 40244305078** Collected: 04/26/22 18:00 Received: 05/03/22 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	05/09/22 10:50	05/10/22 10:31	7439-97-6	

Sample: RINSE # 2 **Lab ID: 40244305079** Collected: 04/27/22 11:30 Received: 05/03/22 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	05/09/22 10:50	05/10/22 10:34	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Sample: RINSE # 3 **Lab ID: 40244305080** Collected: 04/27/22 18:00 Received: 05/03/22 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	05/09/22 10:50	05/10/22 10:36	7439-97-6	

Sample: RINSE # 4 **Lab ID: 40244305081** Collected: 04/28/22 10:00 Received: 05/03/22 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**0.073J**	ug/L	0.20	0.066	1	05/09/22 10:50	05/10/22 10:43	7439-97-6	

Sample: RINSE # 5 **Lab ID: 40244305082** Collected: 04/29/22 13:15 Received: 05/03/22 10:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**0.085J**	ug/L	0.20	0.066	1	05/09/22 10:50	05/10/22 10:45	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415124 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305078, 40244305079, 40244305080, 40244305081, 40244305082

METHOD BLANK: 2390421 Matrix: Water
Associated Lab Samples: 40244305078, 40244305079, 40244305080, 40244305081, 40244305082

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	05/10/22 09:50	

LABORATORY CONTROL SAMPLE: 2390422

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2390423 2390424

Parameter	Units	40244176027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	5.0	5.0	98	99	85-115	1	20	

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415009
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305001, 40244305002, 40244305003, 40244305004, 40244305005, 40244305006, 40244305007, 40244305008, 40244305009, 40244305010, 40244305011, 40244305012, 40244305013, 40244305014, 40244305015, 40244305016, 40244305017, 40244305018, 40244305019, 40244305020

METHOD BLANK: 2389521 Matrix: Solid
Associated Lab Samples: 40244305001, 40244305002, 40244305003, 40244305004, 40244305005, 40244305006, 40244305007, 40244305008, 40244305009, 40244305010, 40244305011, 40244305012, 40244305013, 40244305014, 40244305015, 40244305016, 40244305017, 40244305018, 40244305019, 40244305020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	05/09/22 11:25	

LABORATORY CONTROL SAMPLE: 2389522

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.87	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2389523 2389524

Parameter	Units	40244305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.17	1.1	1.1	1.3	1.3	105	108	85-115	3	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415247 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305021, 40244305022, 40244305023, 40244305024, 40244305025, 40244305026, 40244305027, 40244305028, 40244305029, 40244305030, 40244305031, 40244305032

METHOD BLANK: 2390931 Matrix: Solid
Associated Lab Samples: 40244305021, 40244305022, 40244305023, 40244305024, 40244305025, 40244305026, 40244305027, 40244305028, 40244305029, 40244305030, 40244305031, 40244305032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	05/11/22 08:14	

LABORATORY CONTROL SAMPLE: 2390932

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2390933 2390934

Parameter	Units	40244493001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.034J	1	1	1.0	1.0	96	96	85-115	0	20	

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415249
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305033, 40244305034, 40244305035, 40244305036, 40244305037, 40244305038, 40244305039, 40244305040, 40244305041, 40244305042, 40244305043, 40244305044, 40244305045, 40244305046, 40244305047, 40244305048, 40244305049, 40244305050, 40244305051, 40244305052

METHOD BLANK: 2390935 Matrix: Solid
Associated Lab Samples: 40244305033, 40244305034, 40244305035, 40244305036, 40244305037, 40244305038, 40244305039, 40244305040, 40244305041, 40244305042, 40244305043, 40244305044, 40244305045, 40244305046, 40244305047, 40244305048, 40244305049, 40244305050, 40244305051, 40244305052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	0.023J	0.035	05/11/22 11:37	

LABORATORY CONTROL SAMPLE: 2390936

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.91	109	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2390937 2390938

Parameter	Units	40244305033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.087	0.86	0.86	0.92	0.93	97	99	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415250
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305053, 40244305054, 40244305055, 40244305056, 40244305057, 40244305058, 40244305059, 40244305060, 40244305061, 40244305062, 40244305063, 40244305064, 40244305065, 40244305066, 40244305067, 40244305068, 40244305069, 40244305070, 40244305071, 40244305072

METHOD BLANK: 2390939
Matrix: Solid
Associated Lab Samples: 40244305053, 40244305054, 40244305055, 40244305056, 40244305057, 40244305058, 40244305059, 40244305060, 40244305061, 40244305062, 40244305063, 40244305064, 40244305065, 40244305066, 40244305067, 40244305068, 40244305069, 40244305070, 40244305071, 40244305072

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	05/11/22 10:26	

LABORATORY CONTROL SAMPLE: 2390940

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.85	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2390941 2390942

Parameter	Units	40244305053 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.23	1.1	1.1	1.4	1.3	103	94	85-115	7	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415535
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305073, 40244305074, 40244305075, 40244305076, 40244305077

METHOD BLANK: 2392256 Matrix: Solid
Associated Lab Samples: 40244305073, 40244305074, 40244305075, 40244305076, 40244305077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	05/13/22 08:58	

LABORATORY CONTROL SAMPLE: 2392257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.84	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2392258 2392259

Parameter	Units	40244446001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.019J	1.1	1.1	1.1	1.1	101	101	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415187
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305001, 40244305002, 40244305003, 40244305004, 40244305005, 40244305006, 40244305007, 40244305008, 40244305009, 40244305010, 40244305011, 40244305012, 40244305013, 40244305014, 40244305015, 40244305016, 40244305017

SAMPLE DUPLICATE: 2390672

Parameter	Units	40244305009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.3	17.1	4	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415197
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305018, 40244305020, 40244305055, 40244305056, 40244305057, 40244305058, 40244305059, 40244305060, 40244305061, 40244305062, 40244305063, 40244305064, 40244305065, 40244305066, 40244305067, 40244305068, 40244305069, 40244305070, 40244305071, 40244305072

SAMPLE DUPLICATE: 2390694

Parameter	Units	40244305020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.4	13.2	2	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415199
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305019, 40244305021, 40244305022, 40244305023, 40244305024, 40244305025, 40244305026, 40244305027, 40244305028, 40244305029, 40244305030, 40244305031, 40244305032, 40244305033, 40244305034, 40244305035, 40244305036, 40244305037, 40244305038, 40244305039

SAMPLE DUPLICATE: 2390698

Parameter	Units	40244305028 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.4	21.4	5	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

QC Batch: 415204
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40244305040, 40244305041, 40244305042, 40244305043, 40244305044, 40244305045, 40244305046, 40244305047, 40244305048, 40244305049, 40244305050, 40244305051, 40244305052, 40244305053, 40244305054, 40244305073, 40244305074, 40244305075, 40244305076, 40244305077

SAMPLE DUPLICATE: 2390720

Parameter	Units	40244305048 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.7	27.3	2	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244305078	RINSE # 1	EPA 7470	415124	EPA 7470	415182
40244305079	RINSE # 2	EPA 7470	415124	EPA 7470	415182
40244305080	RINSE # 3	EPA 7470	415124	EPA 7470	415182
40244305081	RINSE # 4	EPA 7470	415124	EPA 7470	415182
40244305082	RINSE # 5	EPA 7470	415124	EPA 7470	415182
40244305001	A-2	EPA 7471	415009	EPA 7471	415057
40244305002	A-2A	EPA 7471	415009	EPA 7471	415057
40244305003	A-9	EPA 7471	415009	EPA 7471	415057
40244305004	A-9A	EPA 7471	415009	EPA 7471	415057
40244305005	A-9B	EPA 7471	415009	EPA 7471	415057
40244305006	A-9C	EPA 7471	415009	EPA 7471	415057
40244305007	B-1A	EPA 7471	415009	EPA 7471	415057
40244305008	B-2	EPA 7471	415009	EPA 7471	415057
40244305009	B-2A	EPA 7471	415009	EPA 7471	415057
40244305010	B-3	EPA 7471	415009	EPA 7471	415057
40244305011	B-9	EPA 7471	415009	EPA 7471	415057
40244305012	B-9A	EPA 7471	415009	EPA 7471	415057
40244305013	B-9B	EPA 7471	415009	EPA 7471	415057
40244305014	B-9C	EPA 7471	415009	EPA 7471	415057
40244305015	C-1	EPA 7471	415009	EPA 7471	415057
40244305016	C-2	EPA 7471	415009	EPA 7471	415057
40244305017	C-9	EPA 7471	415009	EPA 7471	415057
40244305018	D-2	EPA 7471	415009	EPA 7471	415057
40244305019	D-3	EPA 7471	415009	EPA 7471	415057
40244305020	D-4	EPA 7471	415009	EPA 7471	415057
40244305021	D-4C	EPA 7471	415247	EPA 7471	415324
40244305022	D-9	EPA 7471	415247	EPA 7471	415324
40244305023	D-9A	EPA 7471	415247	EPA 7471	415324
40244305024	D-9B	EPA 7471	415247	EPA 7471	415324
40244305025	D-9C	EPA 7471	415247	EPA 7471	415324
40244305026	E-2	EPA 7471	415247	EPA 7471	415324
40244305027	E-3	EPA 7471	415247	EPA 7471	415324
40244305028	E-4	EPA 7471	415247	EPA 7471	415324
40244305029	E-4A	EPA 7471	415247	EPA 7471	415324
40244305030	E-6	EPA 7471	415247	EPA 7471	415324
40244305031	E-6A	EPA 7471	415247	EPA 7471	415324
40244305032	E-7	EPA 7471	415247	EPA 7471	415324
40244305033	E-7A	EPA 7471	415249	EPA 7471	415325
40244305034	E-9	EPA 7471	415249	EPA 7471	415325
40244305035	E-9A	EPA 7471	415249	EPA 7471	415325
40244305036	E-9B	EPA 7471	415249	EPA 7471	415325
40244305037	E-9C	EPA 7471	415249	EPA 7471	415325
40244305038	F-1	EPA 7471	415249	EPA 7471	415325
40244305039	F-2	EPA 7471	415249	EPA 7471	415325
40244305040	F-3	EPA 7471	415249	EPA 7471	415325
40244305041	F-4	EPA 7471	415249	EPA 7471	415325
40244305042	F-4A	EPA 7471	415249	EPA 7471	415325

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244305043	**F-5**	EPA 7471	415249	EPA 7471	415325
40244305044	**F-5A**	EPA 7471	415249	EPA 7471	415325
40244305045	**F-6**	EPA 7471	415249	EPA 7471	415325
40244305046	**F-6A**	EPA 7471	415249	EPA 7471	415325
40244305047	**F-7**	EPA 7471	415249	EPA 7471	415325
40244305048	**F-7A**	EPA 7471	415249	EPA 7471	415325
40244305049	**F-8**	EPA 7471	415249	EPA 7471	415325
40244305050	**F-9**	EPA 7471	415249	EPA 7471	415325
40244305051	**F-9A**	EPA 7471	415249	EPA 7471	415325
40244305052	**G-1**	EPA 7471	415249	EPA 7471	415325
40244305053	**G-2**	EPA 7471	415250	EPA 7471	415326
40244305054	**G-3**	EPA 7471	415250	EPA 7471	415326
40244305055	**G-4**	EPA 7471	415250	EPA 7471	415326
40244305056	**G-5**	EPA 7471	415250	EPA 7471	415326
40244305057	**G-6**	EPA 7471	415250	EPA 7471	415326
40244305058	**G-7**	EPA 7471	415250	EPA 7471	415326
40244305059	**G-8**	EPA 7471	415250	EPA 7471	415326
40244305060	**G-9**	EPA 7471	415250	EPA 7471	415326
40244305061	**G-9A**	EPA 7471	415250	EPA 7471	415326
40244305062	**H-1**	EPA 7471	415250	EPA 7471	415326
40244305063	**H-2**	EPA 7471	415250	EPA 7471	415326
40244305064	**H-3**	EPA 7471	415250	EPA 7471	415326
40244305065	**H-4**	EPA 7471	415250	EPA 7471	415326
40244305066	**H-5**	EPA 7471	415250	EPA 7471	415326
40244305067	**H-6**	EPA 7471	415250	EPA 7471	415326
40244305068	**H-7**	EPA 7471	415250	EPA 7471	415326
40244305069	**H-8**	EPA 7471	415250	EPA 7471	415326
40244305070	**H-9**	EPA 7471	415250	EPA 7471	415326
40244305071	**H-9A**	EPA 7471	415250	EPA 7471	415326
40244305072	**I-1**	EPA 7471	415250	EPA 7471	415326
40244305073	**I-2**	EPA 7471	415535	EPA 7471	415609
40244305074	**I-3**	EPA 7471	415535	EPA 7471	415609
40244305075	**I-4**	EPA 7471	415535	EPA 7471	415609
40244305076	**I-5**	EPA 7471	415535	EPA 7471	415609
40244305077	**I-6**	EPA 7471	415535	EPA 7471	415609
40244305001	**A-2**	ASTM D2974-87	415187		
40244305002	**A-2A**	ASTM D2974-87	415187		
40244305003	**A-9**	ASTM D2974-87	415187		
40244305004	**A-9A**	ASTM D2974-87	415187		
40244305005	**A-9B**	ASTM D2974-87	415187		
40244305006	**A-9C**	ASTM D2974-87	415187		
40244305007	**B-1A**	ASTM D2974-87	415187		
40244305008	**B-2**	ASTM D2974-87	415187		
40244305009	**B-2A**	ASTM D2974-87	415187		
40244305010	**B-3**	ASTM D2974-87	415187		
40244305011	**B-9**	ASTM D2974-87	415187		
40244305012	**B-9A**	ASTM D2974-87	415187		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244305013	B-9B	ASTM D2974-87	415187		
40244305014	B-9C	ASTM D2974-87	415187		
40244305015	C-1	ASTM D2974-87	415187		
40244305016	C-2	ASTM D2974-87	415187		
40244305017	C-9	ASTM D2974-87	415187		
40244305018	D-2	ASTM D2974-87	415197		
40244305019	D-3	ASTM D2974-87	415199		
40244305020	D-4	ASTM D2974-87	415197		
40244305021	D-4C	ASTM D2974-87	415199		
40244305022	D-9	ASTM D2974-87	415199		
40244305023	D-9A	ASTM D2974-87	415199		
40244305024	D-9B	ASTM D2974-87	415199		
40244305025	D-9C	ASTM D2974-87	415199		
40244305026	E-2	ASTM D2974-87	415199		
40244305027	E-3	ASTM D2974-87	415199		
40244305028	E-4	ASTM D2974-87	415199		
40244305029	E-4A	ASTM D2974-87	415199		
40244305030	E-6	ASTM D2974-87	415199		
40244305031	E-6A	ASTM D2974-87	415199		
40244305032	E-7	ASTM D2974-87	415199		
40244305033	E-7A	ASTM D2974-87	415199		
40244305034	E-9	ASTM D2974-87	415199		
40244305035	E-9A	ASTM D2974-87	415199		
40244305036	E-9B	ASTM D2974-87	415199		
40244305037	E-9C	ASTM D2974-87	415199		
40244305038	F-1	ASTM D2974-87	415199		
40244305039	F-2	ASTM D2974-87	415199		
40244305040	F-3	ASTM D2974-87	415204		
40244305041	F-4	ASTM D2974-87	415204		
40244305042	F-4A	ASTM D2974-87	415204		
40244305043	F-5	ASTM D2974-87	415204		
40244305044	F-5A	ASTM D2974-87	415204		
40244305045	F-6	ASTM D2974-87	415204		
40244305046	F-6A	ASTM D2974-87	415204		
40244305047	F-7	ASTM D2974-87	415204		
40244305048	F-7A	ASTM D2974-87	415204		
40244305049	F-8	ASTM D2974-87	415204		
40244305050	F-9	ASTM D2974-87	415204		
40244305051	F-9A	ASTM D2974-87	415204		
40244305052	G-1	ASTM D2974-87	415204		
40244305053	G-2	ASTM D2974-87	415204		
40244305054	G-3	ASTM D2974-87	415204		
40244305055	G-4	ASTM D2974-87	415197		
40244305056	G-5	ASTM D2974-87	415197		
40244305057	G-6	ASTM D2974-87	415197		
40244305058	G-7	ASTM D2974-87	415197		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221498 WM MERCURY WASTE
Pace Project No.: 40244305

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40244305059	**G-8**	ASTM D2974-87	415197		
40244305060	**G-9**	ASTM D2974-87	415197		
40244305061	**G-9A**	ASTM D2974-87	415197		
40244305062	**H-1**	ASTM D2974-87	415197		
40244305063	**H-2**	ASTM D2974-87	415197		
40244305064	**H-3**	ASTM D2974-87	415197		
40244305065	**H-4**	ASTM D2974-87	415197		
40244305066	**H-5**	ASTM D2974-87	415197		
40244305067	**H-6**	ASTM D2974-87	415197		
40244305068	**H-7**	ASTM D2974-87	415197		
40244305069	**H-8**	ASTM D2974-87	415197		
40244305070	**H-9**	ASTM D2974-87	415197		
40244305071	**H-9A**	ASTM D2974-87	415197		
40244305072	**I-1**	ASTM D2974-87	415197		
40244305073	**I-2**	ASTM D2974-87	415204		
40244305074	**I-3**	ASTM D2974-87	415204		
40244305075	**I-4**	ASTM D2974-87	415204		
40244305076	**I-5**	ASTM D2974-87	415204		
40244305077	**I-6**	ASTM D2974-87	415204		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: UD244305

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458** DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: Container Type: Plastic (P) or Glass (G); Plastic (P) 120 ML Total Mercury

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
A-2	SL	Grab	4/28/2022	10:40 AM				1		x	001
A-2A	SL	Grab	4/28/2022	10:50 AM				1		x	002
A-9	SL	Grab	4/28/2022	8:10 AM				1		x	003
A-9A	SL	Grab	4/28/2022	8:30 AM				1		x	004
A-9B	SL	Grab	4/28/2022	8:40 AM				1		x	005
A-9C	SL	Grab	4/28/2022	8:50 AM				1		x	006
B-1A	SL	Grab	4/28/2022	11:00 AM				1		x	007
B-2	SL	Grab	4/28/2022	1:35 PM				1		x	008
B-2A	SL	Grab	4/28/2022	2:30 PM				1		x	009
B-3	SL	Grab	4/28/2022	11:15 AM				1		x	010

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None (1)

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments: (1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	5/2/2022 3:20 PM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5/3/22 1000	Arthur Waddell	5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: U0244305

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET

Container Preservative Type **: O

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**	Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**	DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**	Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
B-9	SL	Grab	4/28/2022	9:00 AM				1		x	011
B-9A	SL	Grab	4/28/2022	9:10 AM				1		x	012
B-9B	SL	Grab	4/28/2022	9:20 AM				1		x	013
B-9C	SL	Grab	4/28/2022	9:30 AM				1		x	014
C-1	SL	Grab	4/28/2022	11:30 AM				1		x	015
C-2	SL	Grab	4/28/2022	11:45 AM				1		x	016
C-9	SL	Grab	4/28/2022	9:40 AM				1		x	017
D-2	SL	Grab	4/28/2022	11:55 AM				1		x	018
D-3	SL	Grab	4/28/2022	12:10 PM				1		x	019
D-4	SL	Grab	4/29/2022	11:55 AM				1		x	020

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: ___oC
Cooler 1 Therm Corr. Factor: ___oC
Cooler 1 Corrected Temp: ___oC
Comments: (1)

Relinquished by/Company: (Signature) Riley Eklund	Date/Time: 5/1/2022 3:20 PM	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) FedEx	Date/Time: 5/3/22 1000	Received by/Company: (Signature) Anthony Vendel	Date/Time: 5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here 10244305

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No

DW PWS ID #:
DW Location Code:

Immediately Packed on Ice: [x] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [x] No

Analysis: _____

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
D-4C	SL	Grab	4/29/2022	12:40 PM				1		x	021
D-9	SL	Grab	4/27/2022	6:25 PM				1		x	022
D-9A	SL	Grab	4/27/2022	6:30 PM				1		x	023
D-9B	SL	Grab	4/27/2022	6:35 PM				1		x	024
D-9C	SL	Grab	4/27/2022	6:55 PM				1		x	025
E-2	SL	Grab	4/27/2022	4:10 PM				1		x	026
E-3	SL	Grab	4/27/2022	4:25 PM				1		x	027
E-4	SL	Grab	4/27/2022	4:45 PM				1		x	028
E-4A	SL	Grab	4/28/2022	3:30 PM				1		x	029
E-6	SL	Grab	4/29/2022	8:50 AM				1		x	030

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) ~~screened~~ (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: ___oC
Cooler 1 Therm Corr. Factor: ___oC
Cooler 1 Corrected Temp: ___oC
Comments: (1)

Relinquished by/Company: (Signature)	Date/Time: 5/2/2022 3:20 PM	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Fedex	Date/Time: 5/3/22 1000	Received by/Company: (Signature)	Date/Time: 5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH T5P Other

Non Conformance(s): YES / NO

Page: ____ of: ____

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 10244505

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [x] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [x] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
E-6A	SL	Grab	4/29/2022	10:15 AM				1		x	031
E-7	SL	Grab	4/29/2022	10:45 AM				1		x	032
E-7A	SL	Grab	4/29/2022	11:15 AM				1		x	033
E-9	SL	Grab	4/27/2022	5:40 PM				1		x	034
E-9A	SL	Grab	4/27/2022	5:50 PM				1		x	035
E-9B	SL	Grab	4/27/2022	6:05 PM				1		x	036
E-9C	SL	Grab	4/27/2022	6:10 PM				1		x	037
F-1	SL	Grab	4/27/2022	10:45 AM				1		x	038
F-2	SL	Grab	4/27/2022	10:55 AM				1		x	039
F-3	SL	Grab	4/27/2022	11:05 AM				1		x	040

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments: (1)

Relinquished by/Company: (Signature) Riley Eklund	Date/Time: 5/2/2022 3:20 PM	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Fedex	Date/Time: 5/3/22 1000	Received by/Company: (Signature) Anthony Wendel	Date/Time: 5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 10244305

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458** DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses

Container Type: Plastic (P) or Glass (G)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
F-4	SL	Grab	4/27/2022	11:15 AM				1		x	041
F-4A	SL	Grab	4/27/2022	11:40 AM				1		x	042
F-5	SL	Grab	4/27/2022	1:15 PM				1		x	043
F-5A	SL	Grab	4/27/2022	1:30 PM				1		x	044
F-6	SL	Grab	4/27/2022	1:40 PM				1		x	045
F-6A	SL	Grab	4/27/2022	1:50 PM				1		x	046
F-7	SL	Grab	4/27/2022	2:55 PM				1		x	047
F-7A	SL	Grab	4/27/2022	3:05 PM				1		x	048
F-8	SL	Grab	4/27/2022	3:20 PM				1		x	049
F-9	SL	Grab	4/27/2022	3:40 PM				1		x	050

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: 1			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 1

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments: 1

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	5/2/2022 3:20 PM		
Relinquished by/Company: (Signature) Fedex	Date/Time: 5/3/22 1000	Received by/Company: (Signature) Anthony Wendel	Date/Time: 5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458** DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: Container Type: Plastic (P) or Glass (G); Plastic (P) 120 ML Total Mercury: x

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
F-9A	SL	Grab	4/27/2022	3:45 PM				1		x	051
G-1	SL	Grab	4/27/2022	8:15 AM				1		x	052
G-2	SL	Grab	4/27/2022	9:00 AM				1		x	053
G-3	SL	Grab	4/27/2022	9:10 AM				1		x	054
G-4	SL	Grab	4/27/2022	9:20 AM				1		x	055
G-5	SL	Grab	4/27/2022	9:30 AM				1		x	056
G-6	SL	Grab	4/27/2022	9:35 AM				1		x	057
G-7	SL	Grab	4/27/2022	9:45 AM				1		x	058
G-8	SL	Grab	4/27/2022	10:00 AM				1		x	059
G-9	SL	Grab	4/27/2022	10:10 AM				1		x	060

Lab Profile/Line:

Lab Sample Receipt Checklist:	
Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments: (1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	5/2/2022 3:20 PM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5/3/22 1000	Anthony Wendel	5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET

Container Preservative Type **: O

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**	Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**	DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**	Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
G-9A	SL	Grab	4/27/2022	10:15 AM				1		x	061
H-1	SL	Grab	4/26/2022	3:30 PM				1		x	062
H-2	SL	Grab	4/26/2022	4:10 PM				1		x	063
H-3	SL	Grab	4/26/2022	4:20 PM				1		x	064
H-4	SL	Grab	4/26/2022	4:40 PM				1		x	065
H-5	SL	Grab	4/26/2022	5:00 PM				1		x	066
H-6	SL	Grab	4/26/2022	5:10 PM				1		x	067
H-7	SL	Grab	4/26/2022	5:20 PM				1		x	068
H-8	SL	Grab	4/26/2022	5:35 PM				1		x	069
H-9	SL	Grab	4/26/2022	5:50 PM				1		x	070

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None (1)

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments: (1)

Relinquished by/Company: (Signature) Riley Eklund	Date/Time: 5/2/2022 3:20 pm	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Fedex	Date/Time: 5/3/22 1000	Received by/Company: (Signature) Anthony Wendell	Date/Time: 5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40244305

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [x] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [x] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: O

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: Container Type: Plastic (P) or Glass (G) | Plastic (P) 120 ML Total Mercury

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
H-9A	SL	Grab	4/26/2022	6:10 PM				1		x	071
I-1	SL	Grab	4/26/2022	10:25 AM				1		x	072
I-2	SL	Grab	4/26/2022	2:00 PM				1		x	073
I-3	SL	Grab	4/26/2022	2:25 PM				1		x	074
I-4	SL	Grab	4/26/2022	2:45 PM				1		x	075
I-5	SL	Grab	4/26/2022	3:00 PM				1		x	076
I-6	SL	Grab	4/26/2022	3:15 PM				1		x	077
	SL	Grab						1		x	
	SL	Grab						1		x	
	SL	Grab						1		x	

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None (1)

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

~~Lab Tracking #~~:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: ___oC
Cooler 1 Therm Corr. Factor: ___oC
Cooler 1 Corrected Temp: ___oC
Comments: (1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RS Eklund	5/2/2022 3:20 PM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5/3/22 1000	Anthony Wendel	5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: L1024305

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221498**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET

Container Preservative Type **: 1

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**	Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: **00111458**	DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**	Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 250 ML Total Mercury	Lab Sample # / Comments
RINSE # 1	WW	Grab	4/26/2022	6:00 PM				1		x	078
RINSE # 2	WW	Grab	4/27/2022	11:30 AM				1		x	079
RINSE # 3	WW	Grab	4/27/2022	6:00 PM				1		x	080
RINSE # 4	WW	Grab	4/28/2022	10:00 AM				1		x	081
RINSE # 5	WW	Grab	4/29/2022	1:15 PM				1		x	082

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments: (1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	5/2/2022 3:20PM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5/3/22 1000	Anthony Mendell	5/3/22 1000
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Sample Preservation Receipt Form

Client Name: TetraTech 5/3/22 Project # WO#44805

All containers needing preservation have been checked and noted below: ☒Yes ☐No ~~☐N/A~~ Initial when completed: AW Date/ Time:

Lab Lot# of pH paper: 1003112 Lab Std #ID of preservation (if pH adjusted):

	Glass								Plastic					Vials						Jars				General								
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Sample Preservation Receipt Form

Client Name: TetraTech Project #: 10244305

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm)	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
021																							/										2.5 / 5 / 10
022																							/										2.5 / 5 / 10
023																							/										2.5 / 5 / 10
024																							/										2.5 / 5 / 10
025																							/										2.5 / 5 / 10
026																							/										2.5 / 5 / 10
027																							/										2.5 / 5 / 10
028																							/										2.5 / 5 / 10
029																							/										2.5 / 5 / 10
030																							/										2.5 / 5 / 10
031																							/										2.5 / 5 / 10
032																							/										2.5 / 5 / 10
033																							/										2.5 / 5 / 10
034																							/										2.5 / 5 / 10
035																							/										2.5 / 5 / 10
036																							/										2.5 / 5 / 10
037																							/										2.5 / 5 / 10
038																							/										2.5 / 5 / 10
039																							/										2.5 / 5 / 10
040																							/										2.5 / 5 / 10
041																							/										2.5 / 5 / 10
042																							/										2.5 / 5 / 10
043																							/										2.5 / 5 / 10
044																							/										2.5 / 5 / 10
045																							/										2.5 / 5 / 10
046																							/										2.5 / 5 / 10
047																							/										2.5 / 5 / 10
048																							/										2.5 / 5 / 10

Sample Preservation Receipt Form

Client Name: TetraTech Project #: WO#:144305

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm)	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
049																							1										2.5 / 5 / 10
050																							1										2.5 / 5 / 10
051																							1										2.5 / 5 / 10
052																							1										2.5 / 5 / 10
053																							1										2.5 / 5 / 10
054																							1										2.5 / 5 / 10
055																							1										2.5 / 5 / 10
056																							1										2.5 / 5 / 10
057																							1										2.5 / 5 / 10
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069																							1										2.5 / 5 / 10
070																							1										2.5 / 5 / 10
071																							1										2.5 / 5 / 10
072																							1										2.5 / 5 / 10
073																							1										2.5 / 5 / 10
074																							1										2.5 / 5 / 10
075																							1										2.5 / 5 / 10
076																							1										2.5 / 5 / 10

Sample Preservation Receipt Form

Client Name: TetraTech Project #: WD41305

Pace Lab #	Glass: AG1U	AG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
077																																	2.5 / 5 / 10
078																																	2.5 / 5 / 10
079																																	2.5 / 5 / 10
080																																	2.5 / 5 / 10
081																																	2.5 / 5 / 10
082																																	2.5 / 5 / 10
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																																	2.5 / 5 / 10

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40244305

40244305

Client Name: Tetra Tech

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #: Matt # 2726 7725 5335

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Thermometer Used SR - 107 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 4.4 /Corr: 3.8, 3.8

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 5/13/22 /Initials: AJ

Labeled By Initials: SKW

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	☐Yes ☒No ☐N/A	12. 028; "4:40PM" 5/13/22 AJ
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 5 of 5

SIWP SAMPLING ANALYTICAL RESULTS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 07, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245578001	**S1**	Solid	05/24/22 11:00	05/26/22 10:15
40245578002	**S2**	Solid	05/24/22 11:30	05/26/22 10:15
40245578003	**S3**	Solid	05/24/22 11:50	05/26/22 10:15
40245578004	**S4**	Solid	05/24/22 12:45	05/26/22 10:15
40245578005	**S5**	Solid	05/24/22 13:10	05/26/22 10:15
40245578006	**S6**	Solid	05/24/22 13:30	05/26/22 10:15

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SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245578001	**S1**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245578002	**S2**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245578003	**S3**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245578004	**S4**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245578005	**S5**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245578006	**S6**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40245578001	**S1**					
EPA 7471	Mercury	3.0	mg/kg	0.081	06/07/22 13:42	
ASTM D2974-87	Percent Moisture	17.0	%	0.10	05/27/22 09:19	
40245578002	**S2**					
EPA 7471	Mercury	1.1	mg/kg	0.046	06/07/22 13:19	
ASTM D2974-87	Percent Moisture	25.8	%	0.10	05/27/22 09:19	
40245578003	**S3**					
EPA 7471	Mercury	0.66	mg/kg	0.041	06/07/22 13:21	
ASTM D2974-87	Percent Moisture	15.6	%	0.10	05/27/22 09:19	
40245578004	**S4**					
EPA 7471	Mercury	753	mg/kg	39.6	06/07/22 13:44	
ASTM D2974-87	Percent Moisture	21.6	%	0.10	05/27/22 09:19	
40245578005	**S5**					
EPA 7471	Mercury	185	mg/kg	22.2	06/07/22 13:47	
ASTM D2974-87	Percent Moisture	21.3	%	0.10	05/27/22 09:19	
40245578006	**S6**					
EPA 7471	Mercury	1.9	mg/kg	0.039	06/07/22 13:39	
ASTM D2974-87	Percent Moisture	15.8	%	0.10	05/27/22 09:19	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S1 **Lab ID: 40245578001** Collected: 05/24/22 11:00 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**3.0**	mg/kg	0.081	0.023	2	06/06/22 12:40	06/07/22 13:42	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.0**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S2 **Lab ID: 40245578002** Collected: 05/24/22 11:30 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.1**	mg/kg	0.046	0.013	1	06/06/22 12:40	06/07/22 13:19	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**25.8**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S3 **Lab ID: 40245578003** Collected: 05/24/22 11:50 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.66**	mg/kg	0.041	0.012	1	06/06/22 12:40	06/07/22 13:21	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.6**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S4 **Lab ID: 40245578004** Collected: 05/24/22 12:45 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**753**	mg/kg	39.6	11.3	1000	06/06/22 12:40	06/07/22 13:44	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.6**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S5 **Lab ID: 40245578005** Collected: 05/24/22 13:10 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**185**	mg/kg	22.2	6.4	500	06/06/22 12:40	06/07/22 13:47	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.3**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Sample: S6 **Lab ID: 40245578006** Collected: 05/24/22 13:30 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.9**	mg/kg	0.039	0.011	1	06/06/22 12:40	06/07/22 13:39	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.8**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

QC Batch: 417512 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245578001, 40245578002, 40245578003, 40245578004, 40245578005, 40245578006

METHOD BLANK: 2404330 Matrix: Solid
Associated Lab Samples: 40245578001, 40245578002, 40245578003, 40245578004, 40245578005, 40245578006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/07/22 12:30	

LABORATORY CONTROL SAMPLE: 2404331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.81	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2404332 2404333

Parameter	Units	40245901013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.065	0.93	0.92	0.97	0.99	98	101	85-115	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

QC Batch: 416892
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245578001, 40245578002, 40245578003, 40245578004, 40245578005, 40245578006

SAMPLE DUPLICATE: 2400643

Parameter	Units	40245496001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.2	5.2	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245578

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245578001	**S1**	EPA 7471	417512	EPA 7471	417539
40245578002	**S2**	EPA 7471	417512	EPA 7471	417539
40245578003	**S3**	EPA 7471	417512	EPA 7471	417539
40245578004	**S4**	EPA 7471	417512	EPA 7471	417539
40245578005	**S5**	EPA 7471	417512	EPA 7471	417539
40245578006	**S6**	EPA 7471	417512	EPA 7471	417539
40245578001	**S1**	ASTM D2974-87	416892		
40245578002	**S2**	ASTM D2974-87	416892		
40245578003	**S3**	ASTM D2974-87	416892		
40245578004	**S4**	ASTM D2974-87	416892		
40245578005	**S5**	ASTM D2974-87	416892		
40245578006	**S6**	ASTM D2974-87	416892		

4024557S

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : **9S7947** Quote #:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Container Preservative Type **: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Compliance Monitoring? [x] Yes [ ] No

DW PWS ID #:
DW Location Code:

Immediately Packed on Ice: [x] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [x] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
S1	SL	Grab	5/24/2022	11:00				1		x	001
S2	SL	Grab	5/24/2022	11:30				1		x	002
S3	SL	Grab	5/24/2022	11:50				1		x	003
S4	SL	Grab	5/24/2022	12:45				1		x	004
S5	SL	Grab	5/24/2022	13:10				1		x	005
S6	SL	Grab	5/24/2022	13:30				1		x	006
											5/26/22 MP

5/26/22 MP 5/26/22 MP

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N NA

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

5/26/22 MP

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

5/26/22 MP

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	5/25/2022 9:25 AM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fedex	5/26/22 10:15	Morgan Spence	5/26/22
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Sample Preservation Receipt Form

Client Name: TetraTech Project # 410455578

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A

Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic					Vials						Jars				General							
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
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016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

5/26/22 MP

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40245578

40245578

Client Name: TetraTech

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #: 2735 3424 9043

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Thermometer Used SR - 111 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: — /Corr: 0°

Person examining contents:
Date: 5/26/22 Initials: MP

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Labeled By Initials: AS

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 5/26/22 mp	☒Yes ☒No ☐N/A	2. PG# 5/26/22 mp
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
-VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐
Person Contacted: Date/Time:
Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 2 of 2

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 07, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245577001	**S1A**	Solid	05/24/22 11:15	05/26/22 10:15
40245577002	**S2A**	Solid	05/24/22 11:40	05/26/22 10:15
40245577003	**S3A**	Solid	05/24/22 12:00	05/26/22 10:15
40245577004	**S4A**	Solid	05/24/22 13:00	05/26/22 10:15
40245577005	**S5A**	Solid	05/24/22 13:20	05/26/22 10:15
40245577006	**S6A**	Solid	05/24/22 13:45	05/26/22 10:15

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SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245577001	**S1A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245577002	**S2A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245577003	**S3A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245577004	**S4A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245577005	**S5A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1
40245577006	**S6A**	EPA 7471	AJT	1
		ASTM D2974-87	K1S	1

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40245577001	**S1A**					
EPA 7471	Mercury	0.53	mg/kg	0.039	06/07/22 13:00	
ASTM D2974-87	Percent Moisture	19.0	%	0.10	05/27/22 09:18	
40245577002	**S2A**					
EPA 7471	Mercury	0.16	mg/kg	0.046	06/07/22 13:02	
ASTM D2974-87	Percent Moisture	25.3	%	0.10	05/27/22 09:18	
40245577003	**S3A**					
EPA 7471	Mercury	0.49	mg/kg	0.039	06/07/22 13:05	
ASTM D2974-87	Percent Moisture	17.4	%	0.10	05/27/22 09:19	
40245577004	**S4A**					
EPA 7471	Mercury	0.051	mg/kg	0.044	06/07/22 13:12	
ASTM D2974-87	Percent Moisture	20.7	%	0.10	05/27/22 09:19	
40245577005	**S5A**					
EPA 7471	Mercury	0.89	mg/kg	0.040	06/07/22 13:14	
ASTM D2974-87	Percent Moisture	15.4	%	0.10	05/27/22 09:19	
40245577006	**S6A**					
EPA 7471	Mercury	0.036J	mg/kg	0.040	06/07/22 13:16	
ASTM D2974-87	Percent Moisture	14.5	%	0.10	05/27/22 09:19	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S1A **Lab ID: 40245577001** Collected: 05/24/22 11:15 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.53**	mg/kg	0.039	0.011	1	06/06/22 12:40	06/07/22 13:00	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.0**	%	0.10	0.10	1		05/27/22 09:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S2A **Lab ID: 40245577002** Collected: 05/24/22 11:40 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.16**	mg/kg	0.046	0.013	1	06/06/22 12:40	06/07/22 13:02	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**25.3**	%	0.10	0.10	1		05/27/22 09:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S3A **Lab ID: 40245577003** Collected: 05/24/22 12:00 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.49**	mg/kg	0.039	0.011	1	06/06/22 12:40	06/07/22 13:05	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.4**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S4A **Lab ID: 40245577004** Collected: 05/24/22 13:00 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.051**	mg/kg	0.044	0.012	1	06/06/22 12:40	06/07/22 13:12	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.7**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S5A **Lab ID: 40245577005** Collected: 05/24/22 13:20 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.89**	mg/kg	0.040	0.011	1	06/06/22 12:40	06/07/22 13:14	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.4**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Sample: S6A **Lab ID: 40245577006** Collected: 05/24/22 13:45 Received: 05/26/22 10:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.036J**	mg/kg	0.040	0.011	1	06/06/22 12:40	06/07/22 13:16	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.5**	%	0.10	0.10	1		05/27/22 09:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

QC Batch: 417512 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245577001, 40245577002, 40245577003, 40245577004, 40245577005, 40245577006

METHOD BLANK: 2404330 Matrix: Solid
Associated Lab Samples: 40245577001, 40245577002, 40245577003, 40245577004, 40245577005, 40245577006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	06/07/22 12:30	

LABORATORY CONTROL SAMPLE: 2404331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.81	98	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2404332 2404333

Parameter	Units	40245901013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.065	0.93	0.92	0.97	0.99	98	101	85-115	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

QC Batch: 416892
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245577001, 40245577002, 40245577003, 40245577004, 40245577005, 40245577006

SAMPLE DUPLICATE: 2400643

Parameter	Units	40245496001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.2	5.2	1	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245577001	**S1A**	EPA 7471	417512	EPA 7471	417539
40245577002	**S2A**	EPA 7471	417512	EPA 7471	417539
40245577003	**S3A**	EPA 7471	417512	EPA 7471	417539
40245577004	**S4A**	EPA 7471	417512	EPA 7471	417539
40245577005	**S5A**	EPA 7471	417512	EPA 7471	417539
40245577006	**S6A**	EPA 7471	417512	EPA 7471	417539
40245577001	**S1A**	ASTM D2974-87	416892		
40245577002	**S2A**	ASTM D2974-87	416892		
40245577003	**S3A**	ASTM D2974-87	416892		
40245577004	**S4A**	ASTM D2974-87	416892		
40245577005	**S5A**	ASTM D2974-87	416892		
40245577006	**S6A**	ASTM D2974-87	416892		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here 40245577

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [x] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [x] No

Analysis: _____

Container Preservative Type **: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Analyses	Lab Sample # / Comments
S1A	SL	Grab	5/24/2022	11:15				1		x		001
S2A	SL	Grab	5/24/2022	11:40				1		x		002
S3A	SL	Grab	5/24/2022	12:00				1		x		003
S4A	SL	Grab	5/24/2022	13:00				1		x		004
S5A	SL	Grab	5/24/2022	13:20				1		x		005
S6A	SL	Grab	5/24/2022	13:45				1		x		006

Lab Profile/Line:

Lab Sample Receipt Checklist	See SCUR 5/24/22 MP
Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:

Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y ND N/A

Lab Tracking #: see SCUR 5/24/22 MP

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info: see SCUR 5/24/22 MP

Temp Blank Received: Y N NA

Therm ID#:

Cooler 1 Temp Upon Receipt: ___oC

Cooler 1 Therm Corr. Factor: ___oC

Cooler 1 Corrected Temp: ___oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RLS Eklund	5/25/2022 9:25 AM		
Relinquished by/Company: (Signature) Fedex	Date/Time: 10:15 5/26/22	Received by/Company: (Signature)	Date/Time: 10:15 5/26/22
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ___ of: ___

Sample Preservation Receipt Form

Client Name: TetraTech Project # 40245577

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Initial when completed: Date/ Time:

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																							1										2.5 / 5 / 10
002																							1										2.5 / 5 / 10
003																							1										2.5 / 5 / 10
004																							1										2.5 / 5 / 10
005																							1										2.5 / 5 / 10
006																							1										2.5 / 5 / 10
007																																	2.5 / 5 / 10
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015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

5/26/22 MP

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40245577

40245577

Client Name: TetraTech

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #: 2735 3424 9043

Custody Seal on Cooler/Box Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☐ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 111 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: — /Corr: 0°

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 5/26/22 Initials: MP

Labeled By Initials: AJ

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 5/26/22 MP	☒Yes ☐No ☐N/A	2. PM# 5/26/22 MP
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 2 of 2

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 06, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40245579001	**POND SURFACE**	Water	05/24/22 09:00	05/26/22 10:15
40245579002	**POND DISCHARGE**	Water	05/24/22 09:10	05/26/22 10:15
40245579003	**PW1**	Water	05/24/22 10:30	05/26/22 10:15
40245579004	**PW2**	Water	05/24/22 10:00	05/26/22 10:15
40245579005	**RINSE #1**	Water	05/24/22 12:15	05/26/22 10:15
40245579006	**RINSE #2**	Water	05/24/22 14:00	05/26/22 10:15

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SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40245579001	**POND SURFACE**	EPA 7470	AJT	1
40245579002	**POND DISCHARGE**	EPA 7470	AJT	1
40245579003	**PW1**	EPA 7470	AJT	1
40245579004	**PW2**	EPA 7470	AJT	1
40245579005	**RINSE #1**	EPA 7470	AJT	1
40245579006	**RINSE #2**	EPA 7470	AJT	1

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40245579001	**POND SURFACE**					
EPA 7470	Mercury	0.90	ug/L	0.20	06/06/22 10:56	
40245579002	**POND DISCHARGE**					
EPA 7470	Mercury	0.42	ug/L	0.20	06/06/22 11:08	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: POND SURFACE **Lab ID: 40245579001** Collected: 05/24/22 09:00 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**0.90**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 10:56	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: POND DISCHARGE **Lab ID: 40245579002** Collected: 05/24/22 09:10 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**0.42**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 11:08	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: PW1 **Lab ID: 40245579003** Collected: 05/24/22 10:30 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 11:10	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: PW2 **Lab ID: 40245579004** Collected: 05/24/22 10:00 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 11:13	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: RINSE #1 **Lab ID: 40245579005** Collected: 05/24/22 12:15 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 11:15	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Sample: RINSE #2 **Lab ID: 40245579006** Collected: 05/24/22 14:00 Received: 05/26/22 10:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	06/03/22 10:40	06/06/22 11:17	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

QC Batch: 417399 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40245579001, 40245579002, 40245579003, 40245579004, 40245579005, 40245579006

METHOD BLANK: 2403499 Matrix: Water
Associated Lab Samples: 40245579001, 40245579002, 40245579003, 40245579004, 40245579005, 40245579006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	06/06/22 10:52	

LABORATORY CONTROL SAMPLE: 2403500

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	94	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2403501 2403502

Parameter	Units	40245579001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	0.90	5	5	5.6	5.8	95	98	85-115	3	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40245579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40245579001	**POND SURFACE**	EPA 7470	417399	EPA 7470	417427
40245579002	**POND DISCHARGE**	EPA 7470	417399	EPA 7470	417427
40245579003	**PW1**	EPA 7470	417399	EPA 7470	417427
40245579004	**PW2**	EPA 7470	417399	EPA 7470	417427
40245579005	**RINSE #1**	EPA 7470	417399	EPA 7470	417427
40245579006	**RINSE #2**	EPA 7470	417399	EPA 7470	417427

UP245579

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
	Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

Container Preservative Type **: 1

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: Plastic (P) 250 ML Total Mercury	Lab Profile/Line: Lab Sample # / Comments:
Pond Surface	**WW**	**Grab**	**5/24/2022**	**9:00**				**1**		**x**	001
Pond Discharge	**WW**	**Grab**	**5/24/2022**	**9:10**				**1**		**x**	002
PW1	**GW**	**Grab**	**5/24/2022**	**10:30**				**1**		**x**	003
PW2	**GW**	**Grab**	**5/24/2022**	**10:00**				**1**		**x**	004
Rinse #1	**WW**	**Grab**	**5/24/2022**	**12:15**				**1**		**x**	005
Rinse #2	**WW**	**Grab**	**5/24/2022**	**14:00**				**1**		**x**	006

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

5/26/22 MP
see below 5/26/22 MP
5/26/22 MP

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N NA

Lab Tracking #: see below 5/24/22 MP

Samples received via: FEDEX UPS Client Courier Pace Courier

DAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: see below 5/26/22
Cooler 1 Temp Upon Receipt: ___ oC
Cooler 1 Therm Corr. Factor: ___ MP
Cooler 1 Corrected Temp: ___ oC
Comments:

Relinquished by/Company: (Signature) Riley Eklund	Date/Time: 5/25/2022 9:25AM	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Fedex	Date/Time: 10:15 5/26/22	Received by/Company: (Signature) Morgan Pearce	Date/Time: 10:15 5/26/22
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: ____ of: ____

Sample Preservation Receipt Form

Client Name: TetraTech Project # WO#:45579

All containers needing preservation have been checked and noted below: ☒Yes ☐No ☐N/A Initial when completed: MP Date/ Time:

Lab Lot# of pH paper: 10D3112 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																2.5 / 5 / 10
002																														X		2.5 / 5 / 10
003																														X		2.5 / 5 / 10
004																														X		2.5 / 5 / 10
005																														X		2.5 / 5 / 10
006																														X		2.5 / 5 / 10
007																																2.5 / 5 / 10
008																																2.5 / 5 / 10
009																																2.5 / 5 / 10
010																																2.5 / 5 / 10
011																																2.5 / 5 / 10
012																																2.5 / 5 / 10
013																																2.5 / 5 / 10
014																																2.5 / 5 / 10
015																																2.5 / 5 / 10
016																																2.5 / 5 / 10
017																																2.5 / 5 / 10
018																																2.5 / 5 / 10
019																																2.5 / 5 / 10
020																																2.5 / 5 / 10

5/26/22 MP

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40245579

40245579

Client Name: TetraTech

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #: 2735 3424 9043

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Thermometer Used SR - 111 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: — /Corr: 0°

Person examining contents:
Date: 5/26/22 Initials: MP

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Labeled By Initials: AJ

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out: 5/26/22 mp	☒Yes ☒No ☐N/A	2. PM# 5/26/22 mp
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
-VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐
Person Contacted: Date/Time:
Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 2 of 2

STEP OUT SAMPLNG ANALYTICAL RESULTS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 28, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on July 14, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40248114001	**SP1N1S**	Solid	07/12/22 10:30	07/14/22 10:05
40248114002	**SP1N1BS**	Solid	07/12/22 10:35	07/14/22 10:05
40248114003	**SP1N2S**	Solid	07/12/22 10:40	07/14/22 10:05
40248114004	**SP1N2BS**	Solid	07/12/22 10:45	07/14/22 10:05
40248114005	**SP1E1S**	Solid	07/12/22 10:55	07/14/22 10:05
40248114006	**SP1E1BS**	Solid	07/12/22 11:00	07/14/22 10:05
40248114007	**SP1E2S**	Solid	07/12/22 11:20	07/14/22 10:05
40248114008	**SP1E2BS**	Solid	07/12/22 11:25	07/14/22 10:05
40248114009	**SP1W1S**	Solid	07/12/22 11:40	07/14/22 10:05
40248114010	**SP1W1BS**	Solid	07/12/22 11:45	07/14/22 10:05
40248114011	**SP1W2S**	Solid	07/12/22 12:05	07/14/22 10:05
40248114012	**SP1W2BS**	Solid	07/12/22 12:10	07/14/22 10:05
40248114013	**SP4N1S**	Solid	07/12/22 12:30	07/14/22 10:05
40248114014	**SP4N1BS**	Solid	07/12/22 12:35	07/14/22 10:05
40248114015	**SP4N2S**	Solid	07/12/22 12:50	07/14/22 10:05
40248114016	**SP4N2BS**	Solid	07/12/22 12:55	07/14/22 10:05
40248114017	**SP4W1S**	Solid	07/12/22 14:15	07/14/22 10:05
40248114018	**SP4W1BS**	Solid	07/12/22 14:20	07/14/22 10:05
40248114019	**SP4W2S**	Solid	07/12/22 14:40	07/14/22 10:05
40248114020	**SP4W2BS**	Solid	07/12/22 14:45	07/14/22 10:05
40248114021	**SP5NW1S**	Solid	07/12/22 15:05	07/14/22 10:05
40248114022	**SP5NW1BS**	Solid	07/12/22 15:10	07/14/22 10:05
40248114023	**SP5NW2S**	Solid	07/12/22 15:30	07/14/22 10:05
40248114024	**SP5NW2BS**	Solid	07/12/22 15:35	07/14/22 10:05
40248114025	**SP5SW1S**	Solid	07/12/22 15:55	07/14/22 10:05
40248114026	**SP5SW1BS**	Solid	07/12/22 16:00	07/14/22 10:05
40248114027	**SP5SW2S**	Solid	07/12/22 16:10	07/14/22 10:05
40248114028	**SP5SW2BS**	Solid	07/12/22 16:15	07/14/22 10:05
40248114029	**SP5SE1S**	Solid	07/12/22 16:30	07/14/22 10:05
40248114030	**SP5SE1BS**	Solid	07/12/22 16:35	07/14/22 10:05
40248114031	**SP5SE2S**	Solid	07/12/22 16:45	07/14/22 10:05
40248114032	**SP5SE2BS**	Solid	07/12/22 16:50	07/14/22 10:05
40248114033	**SP5SE3S**	Solid	07/12/22 17:05	07/14/22 10:05
40248114034	**SP5SE3BS**	Solid	07/12/22 17:10	07/14/22 10:05
40248114035	**RINSE #1**	Water	07/12/22 11:30	07/14/22 10:05
40248114036	**RINSE #2**	Water	07/12/22 13:00	07/14/22 10:05
40248114037	**RINSE #3**	Water	07/12/22 15:40	07/14/22 10:05

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40248114038	**RINSE #4**	Water	07/12/22 17:20	07/14/22 10:05

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40248114001	SP1N1S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114002	SP1N1BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114003	SP1N2S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114004	SP1N2BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114005	SP1E1S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114006	SP1E1BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114007	SP1E2S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114008	SP1E2BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114009	SP1W1S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114010	SP1W1BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114011	SP1W2S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114012	SP1W2BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114013	SP4N1S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114014	SP4N1BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114015	SP4N2S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114016	SP4N2BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114017	SP4W1S	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114018	SP4W1BS	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114019	SP4W2S	EPA 7471	AJT	1

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	PDV	1
40248114020	**SP4W2BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114021	**SP5NW1S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114022	**SP5NW1BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114023	**SP5NW2S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114024	**SP5NW2BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114025	**SP5SW1S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114026	**SP5SW1BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114027	**SP5SW2S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114028	**SP5SW2BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114029	**SP5SE1S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114030	**SP5SE1BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114031	**SP5SE2S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114032	**SP5SE2BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114033	**SP5SE3S**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114034	**SP5SE3BS**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40248114035	**RINSE #1**	EPA 7470	AJT	1
40248114036	**RINSE #2**	EPA 7470	AJT	1
40248114037	**RINSE #3**	EPA 7470	AJT	1
40248114038	**RINSE #4**	EPA 7470	AJT	1

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40248114001	**SP1N1S**					
EPA 7471	Mercury	3.8	mg/kg	0.084	07/19/22 12:45	M0
ASTM D2974-87	Percent Moisture	16.6	%	0.10	07/15/22 12:18	
40248114002	**SP1N1BS**					
EPA 7471	Mercury	0.22	mg/kg	0.040	07/19/22 11:08	
ASTM D2974-87	Percent Moisture	16.0	%	0.10	07/15/22 12:18	
40248114003	**SP1N2S**					
EPA 7471	Mercury	2.2	mg/kg	0.075	07/19/22 12:57	
ASTM D2974-87	Percent Moisture	14.9	%	0.10	07/15/22 12:18	
40248114004	**SP1N2BS**					
EPA 7471	Mercury	0.27	mg/kg	0.041	07/19/22 11:17	
ASTM D2974-87	Percent Moisture	14.7	%	0.10	07/15/22 12:18	
40248114005	**SP1E1S**					
EPA 7471	Mercury	4.7	mg/kg	0.20	07/19/22 12:59	
ASTM D2974-87	Percent Moisture	16.7	%	0.10	07/15/22 12:54	
40248114006	**SP1E1BS**					
EPA 7471	Mercury	0.32	mg/kg	0.039	07/19/22 11:24	
ASTM D2974-87	Percent Moisture	13.2	%	0.10	07/15/22 12:54	
40248114007	**SP1E2S**					
EPA 7471	Mercury	6.3	mg/kg	0.20	07/19/22 13:02	
ASTM D2974-87	Percent Moisture	18.8	%	0.10	07/15/22 12:54	
40248114008	**SP1E2BS**					
EPA 7471	Mercury	2.7	mg/kg	0.079	07/19/22 13:04	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	07/15/22 12:54	
40248114009	**SP1W1S**					
EPA 7471	Mercury	0.36	mg/kg	0.039	07/19/22 11:35	
ASTM D2974-87	Percent Moisture	16.7	%	0.10	07/15/22 12:54	
40248114010	**SP1W1BS**					
EPA 7471	Mercury	0.30	mg/kg	0.039	07/19/22 11:38	
ASTM D2974-87	Percent Moisture	16.1	%	0.10	07/15/22 12:54	
40248114011	**SP1W2S**					
EPA 7471	Mercury	3.7	mg/kg	0.080	07/19/22 13:06	
ASTM D2974-87	Percent Moisture	18.7	%	0.10	07/15/22 12:54	
40248114012	**SP1W2BS**					
EPA 7471	Mercury	0.71	mg/kg	0.040	07/19/22 11:45	
ASTM D2974-87	Percent Moisture	15.7	%	0.10	07/15/22 12:54	
40248114013	**SP4N1S**					
EPA 7471	Mercury	0.081	mg/kg	0.039	07/19/22 11:52	
ASTM D2974-87	Percent Moisture	15.1	%	0.10	07/15/22 12:54	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40248114014	**SP4N1BS**					
EPA 7471	Mercury	69.1	mg/kg	1.8	07/19/22 13:40	
ASTM D2974-87	Percent Moisture	11.5	%	0.10	07/15/22 12:54	
40248114015	**SP4N2S**					
EPA 7471	Mercury	71.9	mg/kg	2.0	07/19/22 13:42	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	07/15/22 12:55	
40248114016	**SP4N2BS**					
EPA 7471	Mercury	1.1	mg/kg	0.038	07/19/22 12:15	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	07/15/22 12:55	
40248114017	**SP4W1S**					
EPA 7471	Mercury	114	mg/kg	3.6	07/19/22 13:44	
ASTM D2974-87	Percent Moisture	13.1	%	0.10	07/15/22 12:55	
40248114018	**SP4W1BS**					
EPA 7471	Mercury	0.46	mg/kg	0.037	07/19/22 12:29	
ASTM D2974-87	Percent Moisture	7.7	%	0.10	07/15/22 12:55	
40248114019	**SP4W2S**					
EPA 7471	Mercury	48.1	mg/kg	2.0	07/19/22 13:47	
ASTM D2974-87	Percent Moisture	13.0	%	0.10	07/15/22 12:55	
40248114020	**SP4W2BS**					
EPA 7471	Mercury	0.11	mg/kg	0.037	07/19/22 12:42	
ASTM D2974-87	Percent Moisture	16.5	%	0.10	07/15/22 12:55	
40248114021	**SP5NW1S**					
EPA 7471	Mercury	7.5	mg/kg	0.37	07/26/22 07:11	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	07/15/22 12:55	
40248114022	**SP5NW1BS**					
EPA 7471	Mercury	0.34	mg/kg	0.038	07/26/22 08:41	
ASTM D2974-87	Percent Moisture	10.0	%	0.10	07/15/22 12:55	
40248114023	**SP5NW2S**					
EPA 7471	Mercury	1.7	mg/kg	0.40	07/26/22 07:15	
ASTM D2974-87	Percent Moisture	13.6	%	0.10	07/15/22 12:55	
40248114024	**SP5NW2BS**					
EPA 7471	Mercury	0.054	mg/kg	0.036	07/26/22 08:43	1q
ASTM D2974-87	Percent Moisture	12.1	%	0.10	07/15/22 13:33	
40248114025	**SP5SW1S**					
EPA 7471	Mercury	0.60	mg/kg	0.36	07/26/22 07:20	1q
ASTM D2974-87	Percent Moisture	13.5	%	0.10	07/15/22 13:33	
40248114026	**SP5SW1BS**					
EPA 7471	Mercury	0.10	mg/kg	0.035	07/26/22 08:45	1q
ASTM D2974-87	Percent Moisture	9.0	%	0.10	07/15/22 13:33	

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(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40248114027	**SP5SW2S**					
EPA 7471	Mercury	2.1	mg/kg	0.40	07/26/22 07:25	
ASTM D2974-87	Percent Moisture	12.4	%	0.10	07/15/22 13:33	
40248114028	**SP5SW2BS**					
EPA 7471	Mercury	0.42	mg/kg	0.035	07/26/22 08:48	
ASTM D2974-87	Percent Moisture	7.1	%	0.10	07/15/22 13:34	
40248114029	**SP5SE1S**					
EPA 7471	Mercury	5.2	mg/kg	0.39	07/26/22 07:29	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	07/15/22 13:34	
40248114030	**SP5SE1BS**					
EPA 7471	Mercury	1.7	mg/kg	0.40	07/26/22 07:36	
ASTM D2974-87	Percent Moisture	14.3	%	0.10	07/15/22 13:34	
40248114031	**SP5SE2S**					
EPA 7471	Mercury	7.0	mg/kg	0.42	07/26/22 07:39	
ASTM D2974-87	Percent Moisture	18.5	%	0.10	07/15/22 13:34	
40248114032	**SP5SE2BS**					
EPA 7471	Mercury	0.87	mg/kg	0.39	07/26/22 07:41	
ASTM D2974-87	Percent Moisture	12.3	%	0.10	07/15/22 13:34	
40248114033	**SP5SE3S**					
EPA 7471	Mercury	3.4	mg/kg	0.40	07/26/22 07:43	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	07/15/22 13:34	
40248114034	**SP5SE3BS**					
EPA 7471	Mercury	0.57	mg/kg	0.36	07/26/22 07:46	1q
ASTM D2974-87	Percent Moisture	11.0	%	0.10	07/15/22 13:34	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1N1S **Lab ID: 40248114001** Collected: 07/12/22 10:30 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**3.8**	mg/kg	0.084	0.024	2	07/18/22 13:15	07/19/22 12:45	7439-97-6	M0
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.6**	%	0.10	0.10	1		07/15/22 12:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1N1BS **Lab ID: 40248114002** Collected: 07/12/22 10:35 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.22**	mg/kg	0.040	0.011	1	07/18/22 13:15	07/19/22 11:08	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.0**	%	0.10	0.10	1		07/15/22 12:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1N2S **Lab ID: 40248114003** Collected: 07/12/22 10:40 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**2.2**	mg/kg	0.075	0.021	2	07/18/22 13:15	07/19/22 12:57	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.9**	%	0.10	0.10	1		07/15/22 12:18		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1N2BS **Lab ID: 40248114004** Collected: 07/12/22 10:45 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.27**	mg/kg	0.041	0.012	1	07/18/22 13:15	07/19/22 11:17	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.7**	%	0.10	0.10	1		07/15/22 12:18		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1E1S **Lab ID: 40248114005** Collected: 07/12/22 10:55 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**4.7**	mg/kg	0.20	0.057	5	07/18/22 13:15	07/19/22 12:59	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.7**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1E1BS **Lab ID: 40248114006** Collected: 07/12/22 11:00 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.32**	mg/kg	0.039	0.011	1	07/18/22 13:15	07/19/22 11:24	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.2**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1E2S **Lab ID: 40248114007** Collected: 07/12/22 11:20 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**6.3**	mg/kg	0.20	0.056	5	07/18/22 13:15	07/19/22 13:02	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.8**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1E2BS **Lab ID: 40248114008** Collected: 07/12/22 11:25 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**2.7**	mg/kg	0.079	0.023	2	07/18/22 13:15	07/19/22 13:04	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.3**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1W1S **Lab ID: 40248114009** Collected: 07/12/22 11:40 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.36**	mg/kg	0.039	0.011	1	07/18/22 13:15	07/19/22 11:35	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.7**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1W1BS **Lab ID: 40248114010** Collected: 07/12/22 11:45 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.30**	mg/kg	0.039	0.011	1	07/18/22 13:15	07/19/22 11:38	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.1**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1W2S **Lab ID: 40248114011** Collected: 07/12/22 12:05 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**3.7**	mg/kg	0.080	0.023	2	07/18/22 13:15	07/19/22 13:06	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.7**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP1W2BS **Lab ID: 40248114012** Collected: 07/12/22 12:10 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.71**	mg/kg	0.040	0.011	1	07/18/22 13:15	07/19/22 11:45	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.7**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4N1S **Lab ID: 40248114013** Collected: 07/12/22 12:30 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.081**	mg/kg	0.039	0.011	1	07/18/22 13:15	07/19/22 11:52	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.1**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4N1BS **Lab ID: 40248114014** Collected: 07/12/22 12:35 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**69.1**	mg/kg	1.8	0.51	50	07/18/22 13:15	07/19/22 13:40	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.5**	%	0.10	0.10	1		07/15/22 12:54		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4N2S **Lab ID: 40248114015** Collected: 07/12/22 12:50 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**71.9**	mg/kg	2.0	0.57	50	07/18/22 13:15	07/19/22 13:42	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.8**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4N2BS **Lab ID: 40248114016** Collected: 07/12/22 12:55 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.1**	mg/kg	0.038	0.011	1	07/18/22 13:15	07/19/22 12:15	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.3**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4W1S **Lab ID: 40248114017** Collected: 07/12/22 14:15 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**114**	mg/kg	3.6	1.0	100	07/18/22 13:15	07/19/22 13:44	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.1**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4W1BS **Lab ID: 40248114018** Collected: 07/12/22 14:20 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.46**	mg/kg	0.037	0.011	1	07/18/22 13:15	07/19/22 12:29	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.7**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4W2S **Lab ID: 40248114019** Collected: 07/12/22 14:40 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**48.1**	mg/kg	2.0	0.57	50	07/18/22 13:15	07/19/22 13:47	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.0**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP4W2BS **Lab ID: 40248114020** Collected: 07/12/22 14:45 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.11**	mg/kg	0.037	0.011	1	07/18/22 13:15	07/19/22 12:42	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.5**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5NW1S **Lab ID: 40248114021** Collected: 07/12/22 15:05 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**7.5**	mg/kg	0.37	0.11	10	07/25/22 09:54	07/26/22 07:11	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.3**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5NW1BS **Lab ID: 40248114022** Collected: 07/12/22 15:10 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.34**	mg/kg	0.038	0.011	1	07/25/22 09:54	07/26/22 08:41	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.0**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5NW2S **Lab ID: 40248114023** Collected: 07/12/22 15:30 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.7**	mg/kg	0.40	0.11	10	07/25/22 09:54	07/26/22 07:15	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.6**	%	0.10	0.10	1		07/15/22 12:55		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5NW2BS **Lab ID: 40248114024** Collected: 07/12/22 15:35 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.054**	mg/kg	0.036	0.010	1	07/25/22 09:54	07/26/22 08:43	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.1**	%	0.10	0.10	1		07/15/22 13:33		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SW1S **Lab ID: 40248114025** Collected: 07/12/22 15:55 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.60**	mg/kg	0.36	0.10	10	07/25/22 09:54	07/26/22 07:20	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.5**	%	0.10	0.10	1		07/15/22 13:33		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SW1BS **Lab ID: 40248114026** Collected: 07/12/22 16:00 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.10**	mg/kg	0.035	0.0099	1	07/25/22 09:54	07/26/22 08:45	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.0**	%	0.10	0.10	1		07/15/22 13:33		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SW2S **Lab ID: 40248114027** Collected: 07/12/22 16:10 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**2.1**	mg/kg	0.40	0.11	10	07/25/22 09:54	07/26/22 07:25	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.4**	%	0.10	0.10	1		07/15/22 13:33		

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SW2BS **Lab ID: 40248114028** Collected: 07/12/22 16:15 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.42**	mg/kg	0.035	0.010	1	07/25/22 09:54	07/26/22 08:48	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.1**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE1S **Lab ID: 40248114029** Collected: 07/12/22 16:30 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**5.2**	mg/kg	0.39	0.11	10	07/25/22 09:54	07/26/22 07:29	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.2**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE1BS **Lab ID: 40248114030** Collected: 07/12/22 16:35 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**1.7**	mg/kg	0.40	0.11	10	07/25/22 09:54	07/26/22 07:36	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.3**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE2S **Lab ID: 40248114031** Collected: 07/12/22 16:45 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**7.0**	mg/kg	0.42	0.12	10	07/25/22 09:54	07/26/22 07:39	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.5**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE2BS **Lab ID: 40248114032** Collected: 07/12/22 16:50 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.87**	mg/kg	0.39	0.11	10	07/25/22 09:54	07/26/22 07:41	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.3**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE3S **Lab ID: 40248114033** Collected: 07/12/22 17:05 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**3.4**	mg/kg	0.40	0.11	10	07/25/22 09:54	07/26/22 07:43	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.8**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: SP5SE3BS **Lab ID: 40248114034** Collected: 07/12/22 17:10 Received: 07/14/22 10:05 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.57**	mg/kg	0.36	0.10	10	07/25/22 09:54	07/26/22 07:46	7439-97-6	1q
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.0**	%	0.10	0.10	1		07/15/22 13:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: RINSE #1 **Lab ID: 40248114035** Collected: 07/12/22 11:30 Received: 07/14/22 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	07/27/22 10:25	07/28/22 06:53	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: RINSE #2 **Lab ID: 40248114036** Collected: 07/12/22 13:00 Received: 07/14/22 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	07/27/22 10:25	07/28/22 06:55	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: RINSE #3 **Lab ID: 40248114037** Collected: 07/12/22 15:40 Received: 07/14/22 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	07/27/22 10:25	07/28/22 06:57	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Sample: RINSE #4 **Lab ID: 40248114038** Collected: 07/12/22 17:20 Received: 07/14/22 10:05 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury	**<0.066**	ug/L	0.20	0.066	1	07/27/22 10:25	07/28/22 07:04	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch: 421864 | Analysis Method: EPA 7470
QC Batch Method: EPA 7470 | Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248114035, 40248114036, 40248114037, 40248114038

METHOD BLANK: 2429937 Matrix: Water
Associated Lab Samples: 40248114035, 40248114036, 40248114037, 40248114038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	<0.066	0.20	07/28/22 06:41	

LABORATORY CONTROL SAMPLE: 2429938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2429939 2429940

Parameter	Units	40248064001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	<0.066	5	5	4.9	4.9	98	98	85-115	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch: 421038
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248114001, 40248114002, 40248114003, 40248114004, 40248114005, 40248114006, 40248114007, 40248114008, 40248114009, 40248114010, 40248114011, 40248114012, 40248114013, 40248114014, 40248114015, 40248114016, 40248114017, 40248114018, 40248114019, 40248114020

METHOD BLANK: 2425366 Matrix: Solid
Associated Lab Samples: 40248114001, 40248114002, 40248114003, 40248114004, 40248114005, 40248114006, 40248114007, 40248114008, 40248114009, 40248114010, 40248114011, 40248114012, 40248114013, 40248114014, 40248114015, 40248114016, 40248114017, 40248114018, 40248114019, 40248114020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/19/22 10:49	

LABORATORY CONTROL SAMPLE: 2425367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.85	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2425368 2425369

Parameter	Units	40248114001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	3.8	1	0.98	3.2	3.5	-59	-36	85-115	7	20	M0

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch: 421603 | Analysis Method: EPA 7471
QC Batch Method: EPA 7471 | Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248114021, 40248114022, 40248114023, 40248114024, 40248114025, 40248114026, 40248114027, 40248114028, 40248114029, 40248114030, 40248114031, 40248114032, 40248114033, 40248114034

METHOD BLANK: 2428894 Matrix: Solid
Associated Lab Samples: 40248114021, 40248114022, 40248114023, 40248114024, 40248114025, 40248114026, 40248114027, 40248114028, 40248114029, 40248114030, 40248114031, 40248114032, 40248114033, 40248114034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	07/26/22 06:50	

LABORATORY CONTROL SAMPLE: 2428895

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.87	104	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2428896 2428897

Parameter	Units	40248608005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.011	0.96	0.96	1.0	1.0	102	103	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch: 420944
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248114001, 40248114002, 40248114003, 40248114004

SAMPLE DUPLICATE: 2424575

Parameter	Units	40248086002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	4.9	4.8	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch:	420949	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40248114005, 40248114006, 40248114007, 40248114008, 40248114009, 40248114010, 40248114011, 40248114012, 40248114013, 40248114014, 40248114015, 40248114016, 40248114017, 40248114018, 40248114019, 40248114020, 40248114021, 40248114022, 40248114023

SAMPLE DUPLICATE: 2424609

Parameter	Units	40248125004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.3	13.1	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

QC Batch: 420952
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248114024, 40248114025, 40248114026, 40248114027, 40248114028, 40248114029, 40248114030, 40248114031, 40248114032, 40248114033, 40248114034

SAMPLE DUPLICATE: 2424678

Parameter	Units	40248124001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.0	16.5	3	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Analyte was measured in the associated method blank at a concentration of -0.013mg/kg.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248114035	**RINSE #1**	EPA 7470	421864	EPA 7470	421903
40248114036	**RINSE #2**	EPA 7470	421864	EPA 7470	421903
40248114037	**RINSE #3**	EPA 7470	421864	EPA 7470	421903
40248114038	**RINSE #4**	EPA 7470	421864	EPA 7470	421903
40248114001	**SP1N1S**	EPA 7471	421038	EPA 7471	421081
40248114002	**SP1N1BS**	EPA 7471	421038	EPA 7471	421081
40248114003	**SP1N2S**	EPA 7471	421038	EPA 7471	421081
40248114004	**SP1N2BS**	EPA 7471	421038	EPA 7471	421081
40248114005	**SP1E1S**	EPA 7471	421038	EPA 7471	421081
40248114006	**SP1E1BS**	EPA 7471	421038	EPA 7471	421081
40248114007	**SP1E2S**	EPA 7471	421038	EPA 7471	421081
40248114008	**SP1E2BS**	EPA 7471	421038	EPA 7471	421081
40248114009	**SP1W1S**	EPA 7471	421038	EPA 7471	421081
40248114010	**SP1W1BS**	EPA 7471	421038	EPA 7471	421081
40248114011	**SP1W2S**	EPA 7471	421038	EPA 7471	421081
40248114012	**SP1W2BS**	EPA 7471	421038	EPA 7471	421081
40248114013	**SP4N1S**	EPA 7471	421038	EPA 7471	421081
40248114014	**SP4N1BS**	EPA 7471	421038	EPA 7471	421081
40248114015	**SP4N2S**	EPA 7471	421038	EPA 7471	421081
40248114016	**SP4N2BS**	EPA 7471	421038	EPA 7471	421081
40248114017	**SP4W1S**	EPA 7471	421038	EPA 7471	421081
40248114018	**SP4W1BS**	EPA 7471	421038	EPA 7471	421081
40248114019	**SP4W2S**	EPA 7471	421038	EPA 7471	421081
40248114020	**SP4W2BS**	EPA 7471	421038	EPA 7471	421081
40248114021	**SP5NW1S**	EPA 7471	421603	EPA 7471	421680
40248114022	**SP5NW1BS**	EPA 7471	421603	EPA 7471	421680
40248114023	**SP5NW2S**	EPA 7471	421603	EPA 7471	421680
40248114024	**SP5NW2BS**	EPA 7471	421603	EPA 7471	421680
40248114025	**SP5SW1S**	EPA 7471	421603	EPA 7471	421680
40248114026	**SP5SW1BS**	EPA 7471	421603	EPA 7471	421680
40248114027	**SP5SW2S**	EPA 7471	421603	EPA 7471	421680
40248114028	**SP5SW2BS**	EPA 7471	421603	EPA 7471	421680
40248114029	**SP5SE1S**	EPA 7471	421603	EPA 7471	421680
40248114030	**SP5SE1BS**	EPA 7471	421603	EPA 7471	421680
40248114031	**SP5SE2S**	EPA 7471	421603	EPA 7471	421680
40248114032	**SP5SE2BS**	EPA 7471	421603	EPA 7471	421680
40248114033	**SP5SE3S**	EPA 7471	421603	EPA 7471	421680
40248114034	**SP5SE3BS**	EPA 7471	421603	EPA 7471	421680
40248114001	**SP1N1S**	ASTM D2974-87	420944		
40248114002	**SP1N1BS**	ASTM D2974-87	420944		
40248114003	**SP1N2S**	ASTM D2974-87	420944		
40248114004	**SP1N2BS**	ASTM D2974-87	420944		
40248114005	**SP1E1S**	ASTM D2974-87	420949		
40248114006	**SP1E1BS**	ASTM D2974-87	420949		
40248114007	**SP1E2S**	ASTM D2974-87	420949		
40248114008	**SP1E2BS**	ASTM D2974-87	420949		
40248114009	**SP1W1S**	ASTM D2974-87	420949		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY WASTE
Pace Project No.: 40248114

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248114010	**SP1W1BS**	ASTM D2974-87	420949		
40248114011	**SP1W2S**	ASTM D2974-87	420949		
40248114012	**SP1W2BS**	ASTM D2974-87	420949		
40248114013	**SP4N1S**	ASTM D2974-87	420949		
40248114014	**SP4N1BS**	ASTM D2974-87	420949		
40248114015	**SP4N2S**	ASTM D2974-87	420949		
40248114016	**SP4N2BS**	ASTM D2974-87	420949		
40248114017	**SP4W1S**	ASTM D2974-87	420949		
40248114018	**SP4W1BS**	ASTM D2974-87	420949		
40248114019	**SP4W2S**	ASTM D2974-87	420949		
40248114020	**SP4W2BS**	ASTM D2974-87	420949		
40248114021	**SP5NW1S**	ASTM D2974-87	420949		
40248114022	**SP5NW1BS**	ASTM D2974-87	420949		
40248114023	**SP5NW2S**	ASTM D2974-87	420949		
40248114024	**SP5NW2BS**	ASTM D2974-87	420952		
40248114025	**SP5SW1S**	ASTM D2974-87	420952		
40248114026	**SP5SW1BS**	ASTM D2974-87	420952		
40248114027	**SP5SW2S**	ASTM D2974-87	420952		
40248114028	**SP5SW2BS**	ASTM D2974-87	420952		
40248114029	**SP5SE1S**	ASTM D2974-87	420952		
40248114030	**SP5SE1BS**	ASTM D2974-87	420952		
40248114031	**SP5SE2S**	ASTM D2974-87	420952		
40248114032	**SP5SE2BS**	ASTM D2974-87	420952		
40248114033	**SP5SE3S**	ASTM D2974-87	420952		
40248114034	**SP5SE3BS**	ASTM D2974-87	420952		

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**	Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**	Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day	Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Analyses

Container Type: Plastic (P) or Glass (G)

Plastic (P) 120 ML Total Mercury

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received Inuse Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
SP1N1S	SL	Grab	7/12/2022	10:30				1		x	001
SP1N1BS	SL	Grab	7/12/2022	10:35				1		x	002
SP1N2S	SL	Grab	7/12/2022	10:40				1		x	003
SP1N2BS	SL	Grab	7/12/2022	10:45				1		x	004
SP1E1S	SL	Grab	7/12/2022	10:55				1		x	005
SP1E1BS	SL	Grab	7/12/2022	11:00				1		x	006
SP1E2S	SL	Grab	7/12/2022	11:20				1		x	007
SP1E2BS	SL	Grab	7/12/2022	11:25				1		x	008
SP1W1S	SL	Grab	7/12/2022	11:40				1		x	009
SP1W1BS	SL	Grab	7/12/2022	11:45				1		x	010

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours) : Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	7/13/2022 11:00AM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fed Ex	7/14/22 1005	Stuart Mike Pace	7/14/22 1005
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
	Field Filtered (if applicable): [ ] Yes [x] No Analysis:

Container Preservative Type **: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
SP1W2S	SL	Grab	7/12/2022	12:05				1		x	011
SP1W2BS	SL	Grab	7/12/2022	12:10				1		x	012
SP4N1S	SL	Grab	7/12/2022	12:30				1		x	013
SP4N1BS	SL	Grab	7/12/2022	12:35				1		x	014
SP4N2S	SL	Grab	7/12/2022	12:50				1		x	015
SP4N2BS	SL	Grab	7/12/2022	12:55				1		x	016
SP4W1S	SL	Grab	7/12/2022	14:15				1		x	017
SP4W1BS	SL	Grab	7/12/2022	14:20				1		x	018
SP4W2S	SL	Grab	7/12/2022	14:40				1		x	019
SP4W2BS	SL	Grab	7/12/2022	14:45				1		x	020

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
MS Eklund	7/13/2022 11:00 AM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Ted Fx	1005 7/14/22	Susan Kilyle Pace	1005 7/14/22
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No
DW PWS ID #:
DW Location Code:
Immediately Packed on Ice: [x] Yes [ ] No
Field Filtered (if applicable): [ ] Yes [x] No
Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
SP5NW1S	SL	Grab	7/12/2022	15:05				1		x	021
SP5NW1BS	SL	Grab	7/12/2022	15:10				1		x	022
SP5NW2S	SL	Grab	7/12/2022	15:30				1		x	023
SP5NW2BS	SL	Grab	7/12/2022	15:35				1		x	024
SP5SW1S	SL	Grab	7/12/2022	15:55				1		x	025
SP5SW1BS	SL	Grab	7/12/2022	16:00				1		x	026
SP5SW2S	SL	Grab	7/12/2022	16:10				1		x	027
SP5SW2BS	SL	Grab	7/12/2022	16:15				1		x	028
SP5SE1S	SL	Grab	7/12/2022	16:30				1		x	029
SP5SE1BS	SL	Grab	7/12/2022	16:35				1		x	030

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	7/13/2022 11:00 AM		
Ted Fox	7/14/22 1005	Susan Kilpatrick Pace	7/14/22 1005
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: _____ of: _____

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ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.**
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard**
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Compliance Monitoring? [x] Yes [ ] No
DW PWS ID #:
DW Location Code:
Immediately Packed on Ice: [x] Yes [ ] No
Field Filtered (if applicable): [ ] Yes [x] No
Analysis: _____

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: Plastic (P) 120 ML Total Mercury	Lab Sample # / Comments
SP5SE2S	SL	Grab	7/12/2022	16:45				1		x	031
SP5SE2BS	SL	Grab	7/12/2022	16:50				1		x	032
SP5SE3S	SL	Grab	7/12/2022	17:05				1		x	033
SP5SE3BS	SL	Grab	7/12/2022	17:10				1		x	034

Lab Profile/Line:

Lab Sample Receipt Checklist	
Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None
Packing Material Used:
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
Lab Tracking #:
Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	7/13/2022 11:00 AM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fed Ex	7/14/22 1005	Susan Kilgore Pace	7/14/22 1005
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: _____ of: _____

410481114

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Company: **Tetra Tech**	Billing Information: **21211 Durand Avenue, Union Grove, WI 53182**
Address: **8413 Excelsior Dr #160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **ssmolko@wm.com**
Copy To: **Riley Eklund** (riley.eklund@tetratech.com)	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : **957947** Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **Standard** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Field Filtered (if applicable): [ ] Yes [x] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 1

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: Container Type: Plastic (P) or Glass (G); Plastic (P) 250 ML Total Mercury

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type	Plastic (P) 250 ML Total Mercury	Lab Sample # / Comments
Rinse #1	WW	Grab	7/12/2022	11:30				1		x	035
Rinse #2	WW	Grab	7/12/2022	13:00				1		x	036
Rinse #3	WW	Grab	7/12/2022	15:40				1		x	037
Rinse #4	WW	Grab	7/12/2022	17:20				1		x	038

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Riley Eklund	7/13/2022 11:00AM		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Fed Ex	7/14/22 1005	Susan Kuhn Pace	7/14/22 1005
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO
Page: _____ of: _____

Client Name: Tetra Tech **Sample Preservation Receipt Form** Project #: 40248114

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
021																							1										2.5 / 5 / 10
022																							1										2.5 / 5 / 10
023																							1										2.5 / 5 / 10
024																							1										2.5 / 5 / 10
025																							1										2.5 / 5 / 10
026																							1										2.5 / 5 / 10
027																							1										2.5 / 5 / 10
028																							1										2.5 / 5 / 10
029																							1										2.5 / 5 / 10
030																							1										2.5 / 5 / 10
031																							1										2.5 / 5 / 10
032																							1										2.5 / 5 / 10
033																							1										2.5 / 5 / 10
034																							1										2.5 / 5 / 10
035												1																			X		2.5 / 5 / 10
036												1																			X		2.5 / 5 / 10
037												1																			X		2.5 / 5 / 10
038												1																			X		2.5 / 5 / 10
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																																	2.5 / 5 / 10
																																	2.5 / 5 / 10
																												7/14/23					2.5 / 5 / 10

Sample Preservation Receipt Form

Client Name: Tetra Tech Project # 40248114

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A

Initial when completed: KW Date/ Time:

Lab Lot# of pH paper: 10D3111 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
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015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm): ☐Yes ☐No ☑N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Sample Condition Upon Receipt Form (SCUR)

Client Name: Tetra Tech

Project #:

WO#: 40248114

40248114

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other:

Tracking #: 2754 9260 5817

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 117 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: -.5 /Corr: 0

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 7/14/22 /Initials: SW

Labeled By Initials: MP

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. Pg # 7/14/22 SW
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume:		8.
For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	S+W	
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

August 22, 2022

Luke Specketer
TETRATECH - Madison
8413 Excelsior Drive
Madison, WI 53717

RE: Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Dear Luke Specketer:

Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250049001	**4N1**	Solid	08/17/22 11:20	08/18/22 09:25
40250049002	**4N1B**	Solid	08/17/22 11:30	08/18/22 09:25

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40250049001	**4N1**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1
40250049002	**4N1B**	EPA 7471	AJT	1
		ASTM D2974-87	PDV	1

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250049001	**4N1**					
EPA 7471	Mercury	0.038J	mg/kg	0.041	08/22/22 09:47	
ASTM D2974-87	Percent Moisture	15.2	%	0.10	08/19/22 11:02	
40250049002	**4N1B**					
EPA 7471	Mercury	11.9	mg/kg	0.37	08/22/22 10:17	
ASTM D2974-87	Percent Moisture	12.0	%	0.10	08/19/22 11:02	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Sample: 4N1 **Lab ID: 40250049001** Collected: 08/17/22 11:20 Received: 08/18/22 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.038J**	mg/kg	0.041	0.012	1	08/22/22 06:26	08/22/22 09:47	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.2**	%	0.10	0.10	1		08/19/22 11:02		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Sample: 4N1B **Lab ID: 40250049002** Collected: 08/17/22 11:30 Received: 08/18/22 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**11.9**	mg/kg	0.37	0.11	10	08/22/22 06:26	08/22/22 10:17	7439-97-6	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.0**	%	0.10	0.10	1		08/19/22 11:02		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

QC Batch: 423909
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250049001, 40250049002

METHOD BLANK: 2441364 Matrix: Solid
Associated Lab Samples: 40250049001, 40250049002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	08/22/22 09:42	

LABORATORY CONTROL SAMPLE: 2441365

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	99	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2441366 2441367

Parameter	Units	40250049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.038J	0.97	0.98	1.0	1.0	100	99	85-115	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

QC Batch: 423914
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40250049001, 40250049002

SAMPLE DUPLICATE: 2441408

Parameter	Units	40250050012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	17.4	3	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 209-4221563 WM MERCURY SOL.
Pace Project No.: 40250049

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250049001	**4N1**	EPA 7471	423909	EPA 7471	424010
40250049002	**4N1B**	EPA 7471	423909	EPA 7471	424010
40250049001	**4N1**	ASTM D2974-87	423914		
40250049002	**4N1B**	ASTM D2974-87	423914		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-In Number Here 40250049

ALL BOLD OUTLINED AREAS are for LAB USE ONLY

Company: **Tetra Tech**	Billing Information: 8413 Excelsior Drive, Suite 160, Madison, WI 53717
Address: **8413 Excelsior Dr, Suite 160, Madison, WI 53717**	
Report To: **Luke Specketer (luke.specketer@tetratech.com)**	Email To: **Luke Specketer (luke.specketer@tetratech.com)**
Copy To: **Riley Eklund (riley.eklund@tetratech.com)**	Site Collection Info/Address: **21211 Durand Avenue, Union Grove, WI 53182**
Customer Project Name/Number: **209-4221563**	State: **WI** County/City: **Union Grove** Time Zone Collected: [ ]PT [ ]MT [x]CT [ ]ET
Phone: **608-346-1677** Email: **luke.specketer@tetratech.com**	Site/Facility ID #: **WM Mercury Waste, INC.** Compliance Monitoring? [x] Yes [ ] No
Collected By (print): **Riley Eklund**	Purchase Order # : Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): *Riley Eklund*	Turnaround Date Required: **2 Day** Immediately Packed on Ice: [x] Yes [ ] No
Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: (Expedite Charges Apply) [ ] Same Day [ ] Next Day [X] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
	Field Filtered (if applicable): [ ] Yes [x] No Analysis: ____

Container Preservative Type **: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Project Manager:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Type: Plastic (P) or Glass (G)	Analyses: Plastic (P) 120 ML Total Mercury	Lab Profile/Line:
4N1	SL	Grab	8/17/2022	11:20				1		x	001
4N1B	SL	Grab	8/17/2022	11:30				1		x	002

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: ____
Sample pH Acceptable Y N NA
pH Strips: ____
Sulfide Present Y N NA
Lead Acetate Strips: ____

LAB USE ONLY:
Lab Sample # / Comments:

8/18/22 DWR

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

Samples received via: FEDEX UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ____
Cooler 1 Temp Upon Receipt: __oC
Cooler 1 Therm Corr. Factor: __oC
Cooler 1 Corrected Temp: __oC
Comments:
(1)

Relinquished by/Company: (Signature) Riley Eklund	Date/Time: 8/17/2022 4:40 pm	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY Table #:
Relinquished by/Company: (Signature) Fedex	Date/Time: 8/18/22 0925	Received by/Company: (Signature) Anthony Wenkel	Date/Time: 8/18/22 0925	Acctnum: Template: Prelogin:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: TetraTech Project # 410250049

All containers needing preservation have been checked and noted below: □Yes □No ☒N/A Initial when completed: Date/ Time:

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
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020																																	2.5 / 5 / 10

8/18/22 ahl

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:_____ Headspace in VOA Vials (>6mm) : □Yes □No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40250049

40250049

Client Name: TetraTech

Courier: ☐ CS Logistics ☒ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other: _____

Tracking #: 7912 8838 6696

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other _____

Thermometer Used SR-115 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1.5 /Corr: 1.1

Temp Blank Present: ☒ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 8/18/22 /Initials: AJ

Labeled By Initials: PDV

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested: 8/18/22 AJ	☒Yes ~~☐No~~	7.
Sufficient Volume:		8.
For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S		
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

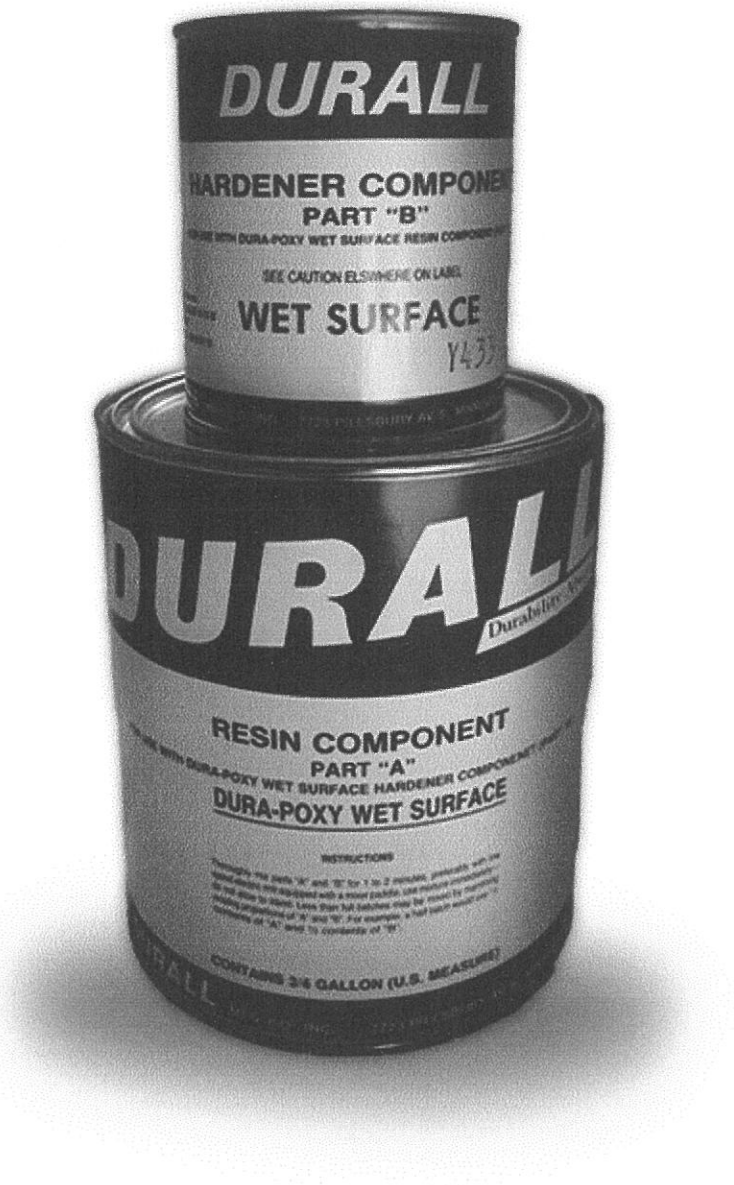
Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Appendix 18. Containment Area Coating Details



Dura Poxy

Features

Composed of 100% epoxy solids, with no odor during application
Curing time of 12 to 14 hours
Extremely tough and hard, especially when strengthened by adding quartz chips; typically 20 mils thick
No shrinkage during curing process
No VOC's (Volatile Organic Compounds)
Comes in a variety of colors and textures created by adding quartz crystals during application

Uses

Ideal for the food processing industry applications and commercial kitchens because it meets health codes needed for operation
Perfect for multi-tenant buildings because of the lack of odor(s) that neighbors may find objectionable

Necessary for floors with major (> 10 mils) irregularities in the surface
Necessary for floors (or floor areas) requiring maximum resistance to damage from falling tools, forklifts, and similar causes of harm
Necessary for floors requiring maximum skid resistance such as in wet or frosty environments
Ideal for repairing deep cracks and holes in floors or vertical surfaces.
Can be used on walls, ceilings, woodwork and even non-porous surfaces like truck beds, metal silos, etc.

Costs

Cost of materials is about three times that of Dura Seal 400
Heavier shipping weight (per square foot of coverage) than Dura Seal 400

More Details

Dura Poxy is our strongest floor covering. It consists of 100% solid epoxy which gives it maximum strength and no-odor application. Click here for a chart of Dura Poxy basic colors.

Dura Poxy with color quartz has a test strength of 22,000 lbs. per sq. inch in contrast to that of concrete which ranges from 2500 to 4500 lbs. per sq. inch depending on the mix.

The Dura Poxy catalyst is a special “wet surface catalyst” meaning that it will harden even in water. This can be advantageous for facilities like bottlers and food processors that may have water spill during the curing process. It also means that Dura Poxy can be used to make repairs in areas that may have spills or water flow.

Stones and other colored materials such as quartz can be mixed into Dura Poxy to produce a wide variety of terrific looks. Great applications for color quartz are high skid areas like bath, pool, freezer, steps, and other slip-prone areas. The surface is harder than steel so steel wheels will not wear it out. It is more resistant to heat than epoxy by itself.

Appendix 19 Preparedness and Prevention

KANSASVILLE FIRE & RESCUE DEPARTMENT

Dover Township • Racine County

December 3, 2021

Mr. Steve Smolko
Waste Management
21211 Durand Ave.
Union Grove, WI 53182

Dear Steve,

This letter is provided to allow Waste Management to meet the WDNR documentation requirements for your facility located in the Town of Dover.

The Kansasville Fire & Rescue Department provides fire and emergency medical services to the Town of Dover and the northern portion of the Town of Brighton. We have an ISO rating of 6/9. We work in close partnership with the Union Grove Yorkville and Raymond fire departments. We respond to structure fires with these two partners under an automatic aid agreement.

We also maintain a strong reliance on our mutual aid neighbors beyond Union Grove and Raymond through our Mutual Aid Box Alarm System (MABAS). The MABAS process connects us to nearly unlimited resources. Our fleet consists of two fire engines each carrying 1,000 gallons of water plus two 3,600 gallon tenders. Our first alarm response to your facility would result in at least four fire engines, an aerial platform, four tenders (water tankers) along with various EMS and Command personnel.

We appreciate your efforts to maintain the safety improvements that have been added over the past 12 to 15 years. We have a strong interest in preserving the onsite water supply and drafting capability along with the onsite Command Post space.

Waste Management is in the process of removing the three Mercury boilers and remediating the work spaces. The facility will be used as a temporary storage area for hazardous materials until suitable quantities are amassed for transport to final disposal destinations.

We have reviewed the layout of the facility as presented in the site plans and hazardous waste container storage figures that you provided. We are also familiar with the properties of the hazardous wastes handled at the facility and associated hazards as well as the places where facility personnel would normally be working, internal access routes and possible evacuation routes. Based on that review, the layout of the facility would allow for unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of the facility operation in the event of an emergency.

We value the close working relationship that we currently enjoy with Waste Management and look forward to continuing this relationship as we both go forward. Please let me know if there is anything else that you need from us. Thank you.

Respectfully,

John Dahms, Battalion Chief
Kansasville Fire & Rescue Department
(262) 939-1674
Johndahms80@gmail.com

CC: Chief Ron Molnar: Waste Management

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Union Grove/Yorkville Fire & Rescue
700 Main Street
Union Grove, WI 53182

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

In accordance with the requirements of Wisconsin Department of Natural Resources (WDNR) Regulations NR 664.0037, owners and operators of hazardous waste management facilities must attempt to establish agreements with local authorities or entities that may provide assistance in the event of an emergency situation. Arrangements will be made at your request to familiarize you with the layout of the facility, properties of hazardous waste handled at the facility and associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility and possible evacuation routes.

WM Waste respectfully requests that you complete the enclosed written documentation indicating whether your agency will or cannot provide emergency services should an emergency arise at the facility.

In addition, in accordance with NR 664.0053, if your agency can provide the requested emergency services, WM Waste must provide a copy of the WM Waste Integrated Contingency Plan (ICP) and all future revisions. WM Waste is currently in the process of renewing its operating hazardous waste license and will provide a copy of the updated ICP upon approval by WDNR.

Should you have any questions or require further information, please contact Steven Smolko, Operations Manager, at 262-498-3072.

Sincerely,

Steve Smolko
WM Waste, Inc.

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

WM Waste, Inc.
UNION GROVE FACILITY

ARRANGEMENTS FOR EMERGENCY SERVICES

Please read and check the following statement that applies to your agreement to provide emergency services to the WM Waste, Inc. facility located at 21211 Durand Avenue, Union Grove, Wisconsin, 53182.

- ❑ The Emergency Response Agency will provide emergency services.

- ❑ The Emergency Response Agency cannot provide emergency services.

Additional Comments:

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Signature of representative of Emergency Response Agency and Date

_____
Print/Type name of representative of Emergency Response Agency

_____
Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Racine County Office of Emergency Management
730 Wisconsin Avenue
Racine, WI 53403

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

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Sincerely,

Steve Smolko
WM Waste, Inc.

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

WM Waste, Inc.
UNION GROVE FACILITY

ARRANGEMENTS FOR EMERGENCY SERVICES

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Signature of representative of Emergency Response Agency and Date

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Print/Type name of representative of Emergency Response Agency

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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

WE Energies
231 W. Michigan Street
Milwaukee, WI 53203

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

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Sincerely,

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WM Waste, Inc.

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

WM Waste, Inc.
UNION GROVE FACILITY

ARRANGEMENTS FOR EMERGENCY SERVICES

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Print/Type name of representative of Emergency Response Agency

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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Town of Dove (Kansasville) Fire Department
23730 Durand Avenue
Kansasville, WI 53139

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

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Sincerely,

Steve Smolko
WM Waste, Inc.

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

WM Waste, Inc.
UNION GROVE FACILITY

ARRANGEMENTS FOR EMERGENCY SERVICES

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Signature of representative of Emergency Response Agency and Date

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Print/Type name of representative of Emergency Response Agency

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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

City of Burlington Fire Department
165 West Washington Street
Burlington, WI 53105

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

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Steve Smolko
WM Waste, Inc.

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

WM Waste, Inc.
UNION GROVE FACILITY

ARRANGEMENTS FOR EMERGENCY SERVICES

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Print/Type name of representative of Emergency Response Agency

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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Town of Burlington Fire Department
32288 Bushnell Road
Burlington, WI 53105

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

WM Waste, Inc. (WM Waste) operates a commercial hazardous waste storage facility which is located at 21211 Durand Avenue in Union Grove, Wisconsin. The facility stores and consolidates containers of various hazardous and universal wastes. These wastes are stored in licensed container storage areas prior to shipment to off-site, appropriately permitted/licensed facilities. The facility is no longer processing mercury for recovery.

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21211 Durand Avenue
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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Memorial Hospital of Burlington
252 McHenry Street
Burlington, WI 53105

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

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Name of Emergency Response Agency

WASTE MANAGEMENT

21211 Durand Avenue
Union Grove, WI 53182-9711

DATE

Racine County Sheriff's Office
717 Wisconsin Avenue
Racine, WI 53403

Re: Arrangement for Emergency Services
WM Waste, Inc.
EPA ID# WID000000356; FID# 252195350

Dear Sir or Madam:

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Appendix 20 Soil Monitoring Data

TETRA TECH

WM WASTE, INC.
TABLE 20-1
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
21211 DURAND AVENUE, UNION GROVE, WI

Sample ID	2009 Result (mg/Kg)	2010 Result (mg/Kg)	2012 Result (mg/Kg)	2014 Result (mg/Kg)	2016 Result (mg/Kg)	2018 Result (mg/Kg)	2020 Result (mg/Kg)	2020 Result Post Remediation (mg/Kg)	2022 Result (mg/Kg)
A-2	0.141	0.567	0.0898	0.245	0.347	0.277	1.21	NA	**0.17**
A-2a	0.246	0.475	0.389	0.157	0.412	0.255	3.84	NA	**0.62**
A-9	0.642	0.615	0.148	0.201	1.25	0.452	0.981	NA	**0.066**
A-9a	0.0628	0.039	0.028	0.203	0.661	0.212	0.958	NA	**0.26**
A-9b	0.0861	0.136	5.27	0.144	1.38	0.772	1.95	NA	**0.28**
A-9c	0.981	0.108	0.0385	0.056	0.46	0.334	1.89	NA	**1.1**
B-1a	0.125	0.0583	--	--	--	--	0.175	NA	**0.24**
B-2	0.0614	0.0656	--	--	--	--	0.643 J	NA	**0.036J**
B-2a	0.0358	0.0907	--	--	--	--	0.306	NA	**0.016J**
B-2c	0.0874	0.075	--	--	--	--	0.400 J	NA	**NA**
B-3	--	0.232	--	--	--	--	0.213	NA	**0.23**
B-9	7.74	0.457	1.08	0.264	0.274	0.152	3.02	NA	**0.40**
B-9a	0.35	0.282	0.196	2.97	0.108	2.51	2.45	NA	**0.24**
B-9b	0.644	0.0559	0.784	1.01	3.17	5.49	6.9	NA	**0.34**
B-9c	5.54	0.581	0.748	0.591	2.67	2.58	3.17	NA	**0.32**
C-1	0.0752	0.0492	--	--	--	--	0.359	NA	**0.061**
C-2a/C-2	0.0353	0.0627	--	--	--	--	0.755 J	NA	**0.077**
C-9	4.36	1.41	1.67	1.29	1.61	0.79	10.9	0.31	**0.41**
D-2	0.25	0.276	0.236	0.165	1.12	0.13	0.232	NA	**0.12**
D-3	0.15	0.14	0.297	0.206	0.877	0.479	0.039 J	NA	**0.19**
D-4	0.239	0.0384	0.02	0.062	6.41	1.76	0.681	NA	**0.027J**
D-4c	0.1110	0.1020	0.0200	0.264	0.818	0.216	1.07	NA	**0.039**
D-9	2.65	0.889	1.14	2.08	0.876	0.386	2.77	NA	**0.95**
D-9a	0.253	0.0536	0.0522	0.162	0.135	0.565	2.51	NA	**0.15**
D-9b	0.364	0.0585	0.112	0.268	0.442	0.978	1.44	NA	**0.046**
D-9c	0.32	2.36	0.118	3.88	0.729	0.396	5.38	NA	**0.29**
E-2	0.177	0.122	0.24	0.263	0.147	0.259	0.16	NA	**0.076**
E-3	0.463	0.489	0.269	0.341	0.92	0.07	0.483	NA	**0.14**
E-4	0.041	0 0971	0.021	0.031	2.46	0.047	11.9	0.639	**0.043**
E-4a/E-4c	0.076	0. 0681	<0.0311	0.023	2.68	0.323	3.98	NA	**0.014J**
E-6	0.0859	0.196	0.0733	0.011	0.863	0.542	776	0.591	**0.18**
E-6a	0.0541	0.0220	0.1600	1.13	2.31	1.74	26.6	2.44	**0.26**
E-7	0.728	0.0293	<0.0330	9.47	0.842	3.19	0.513 J	NA	**0.13**
E-7a	0.342	0.0428	0.241	1.63	0.876	1.95	0.612	NA	**0.087**
E-9	1.98	1.65	1.04	1.39	1.36	2.51	2.09	NA	**0.47**
E-9a	0.707	0.023	0.135	0.19	1.12	0.993	1.12	NA	**0.094**
E-9b	0.128	0.0798	0.119	0.891	1.37	0.706	0.323 J	NA	**0.18**
E-9c	0.126	0.516	0.0978	1.62	1.4	0.256	1.01	NA	**0.26**
F-1	0.35	0.18	0.225	0.129	0.115	0.149	0.261	NA	**0.31**
F-2	0.179	0.178	0.163	0.22	0.343	0.121	0.203	NA	**0.27**
F-3	0.211	0.0837	0.164	0.304	0.101	0.406	0.219	NA	**0.36**
F-4	0.358	0.311	0.258	0.033	0.997	0.076	0.278	NA	**0.094**
F-4a	3.08	0.304	0.763	1.04	2.53	--	1.06	NA	**0.35**
F-5	2.31	0.279	0.105	<0.009	0.192	0.542	1.58	NA	**1.1**
F-5a	2	0.373	0.978	0.12	0.131	0.11	0.589 J	NA	**0.69**
F-6	3.14	0.0845	0.185	0.069	2.45	0.063	14.8	0.105	**0.70**
F-6a	0.185	0.0619	0.0398	0.176	0.476	0.319	632	0.175	**0.26**
F-7	0.699	1.12	0.383	5.13	2.07	0.596	39.5	0.83	**2.4**
F-7a	3.2	0.0918	3.27	0.554	4.15	0.386	0.094	NA	**1.3**
F-8	2.61	0.843	1.99	0.32	0.885	1.4	1.82	NA	**2.8**
F-9	0.244	1.32	0.133	0.793	0.812	0.121	1.77	NA	**0.35**
F-9a	0.484	0.0395	0.366	0.759	0.768	0.666	0.059	NA	**0.30**
G-1	0.416	0.248	0.309	0.061	0.062	0.264	0.166	NA	**0.45**
G-2	0.211	0.0769	0.0785	0.044	0.074	0.231	0.364 J	NA	**0.23**
G-3	0.137	0.14	0.0511	0.125	0.193	0.364	0.321	NA	**0.32**
G-4	0.541	0.513	0.721	0.06	0.152	0.338	0.358 J	NA	**0.66**
G-5	0.513	0.94	0.34	0.98	0.054	1.33	1.86	NA	**4.8**
G-6	0.559	0.0607	0.3	0.184	0.086	0.125	1.59	NA	**0.29**

TETRA TECH

WM WASTE, INC.
TABLE 20-1
HISTORICAL SOIL SAMPLE ANALYTICAL RESULTS
21211 DURAND AVENUE, UNION GROVE, WI

Sample ID	2009 Result (mg/Kg)	2010 Result (mg/Kg)	2012 Result (mg/Kg)	2014 Result (mg/Kg)	2016 Result (mg/Kg)	2018 Result (mg/Kg)	2020 Result (mg/Kg)	2020 Result Post Remediation (mg/Kg)	2022 Result (mg/Kg)
G-7	0.165	0.025	<0.0335	0.792	0.233	0.336	2.47	NA	**0.56**
G-8	0.348	0.133	0.0511	0.08	0.066	0.312	0.385	NA	**0.13**
G-9	0.29	0.457	0.449	0.214	0.419	0.249	0.479 J	NA	**0.33**
G-9a	0.616	1.44	0.0577	0.177	0.401	0.231	0.292 J	NA	**0.041J**
H-1	0.459	0.254	0.411	0.22	0.064	0.195	0.065 J	NA	**0.32**
H-2	0.0723	0.0791	0.448	0.103	0.08	0.196	0.133	NA	**0.075**
H-3	0.252	1.32	0.137	0.097	0.392	0.269	0.275	NA	**0.091**
H-4	0.5	1.18	0.235	0.502	2.09	0.751	0.122	NA	**0.23**
H-5	0.445	0.362	0.311	0.251	0.126	1.06	1.45	NA	**1.3**
H-6	0.0814	0.0758	0.0592	0.415	0.989	0.232	1.18	NA	**0.044**
H-7	0.332	4.13	0.141	0.155	0.842	0.069	0.460 J	NA	**0.24**
H-8	0.485	0.191	0.125	0.405	0.221	0.086	0.36	NA	**0.36**
H-9	0.366	0.202	0.294	0.306	0.271	0.248	0.3	NA	**0.37**
H-9a	2.26	3.92	0.363	0.124	0.33	0.258	0.615 J	NA	**0.20**
I-1	0.532	0.162	0.213	0.146	0.099	0.15	0.047 J	NA	**0.38**
I-2	0.238	0.0956	0.164	0.202	0.066	0.057	0.049 J	NA	**0.099**
I-3	0.267	0.147	0.16	2.46	0.456	0.052	0.199	NA	**0.15**
I-4	0.355	0.134	0.111	0.19	0.032	0.252	0.321	NA	**0.020J**
I-5	0.196	0.0841	0.141	0.16	0.086	0.494	0.044 J	NA	**0.16**
I-6	0.2340	0.4390	0.3780	0.202	0.607	0.256	0.367	NA	**0.20**

Notes:

Created by: LS
Checked by: RE

1. Highlighted cells exceeded the site-specific standard of 10 mg/kg.
2. Tetra Tech collected 2022 soil sample results 4-26-2022 through 4-29-2022.
3. Data prior to 2022 excerpted from WM's Release Notification Documentation submitted to the WDNR on 12/9/2020.
4. Soil samples from prior to 2022 were collected by Cardinal Environmental and EMT.
5. Mercury concentration results designated with a "J" qualifier are estimated concentrations greater than the limit of detection and less than the limit of quantitation.

Appendix 21 Stormwater Monitoring Data

Table 21-1
WM Mercury
Historical Mercury Concentrations in Storm Water Pond

Mercury Results		
Date	**Inlet Stream**	**Outlet Stream**
4/20/2012	0.0631	0.00278
9/10/2012	0.0166	0.00845
9/14/2012	0.0244	<0.00125
12/17/2012	0.0109	0.00153
5/10/2013	0.00109	0.00079
9/19/2013	0.00454	0.00109
8/29/2014	0.00115	0.000895
9/8/2015	0.0121	0.00209
11/2/2016	0.0097	0.00396
10/23/2017	0.0242	0.00926
10/6/2018	0.0278	0.00032 J
11/27/2019	0.0989	0.00492
11/15/2020	<0.0100 Q, S2	<0.0100 Q, S2

Notes:
J - Estimated Value
Q - One or more quality control results were outside the acceptance limits
S2 - The percent recovery is outside the lab control limits, but within the method acceptable limits.
Data is acceptable for S2
All results reported in milligram per liter
Sample locations are shown on attached figures S-6

Table 21-2
Summary of Historical Storm Water Sediment Sample Mercury Concentrations
Waste Management

Storm Water Pond Sediment Samples																		
Date	**A**	**B**	**C**	**D**	**D***	**E**	**E***	**F**	**G**	**H**	**I Pond Grab**	**Sample #1 Outlet Side**	**Sample #2 Inlet Side**	**Sample #3 Inlet**	**1**	**2**	**3**	**4**
5/23/2012	4.67	0.43	2.98	99.1	-	214.0	-	-	-	-	-	-	-	-	-	-	-	-
7/5/2012	-	-	-	-	-	-	-	16.2	3.03	0.475	8.27	-	-	-	-	-	-	-
7/3/2013	0.097	0.475	9.24	237	1,290	261	359	-	-	-	-	-	-	-	-	-	-	-
8/12/2014	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/14/2015	-	-	-	-	-	-	-	-	-	-	-	8.4	29.6	55.6	-	-	-	-
10/19/2016	-	-	-	-	-	-	-	-	-	-	-	-	166	-	8.17	30.4	48.7	49.9
10/20/2017	24.8	-	138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/21/2018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.3	178	-	-
2019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2020	41.9	214	503	277	-	-	-	184	26	18.6	-	-	-	-	-	-	-	-

Notes:
ND - Not Detected
NS - Not Sampled
NA - Not Available
All results reported in milligram per kilogram
* notates sludge as matrix
Sample nominclature was taken from analytical results
Sample locations are shown on attached figures S-6